

Co 2115

**Wattenberg Disposal, LLC
1675 Broadway, Suite 2800
Denver, Colorado 80202**

Suckla Farms Injection Well #1
**Section 10-T1N-R67W
Weld County, Colorado**

EPA Permit No. CO10938-02115

**Pressure Falloff Test
April 23, 2004 to April 30, 2004**

U2 Entered
Date 07/19/2004
Initial ZOF

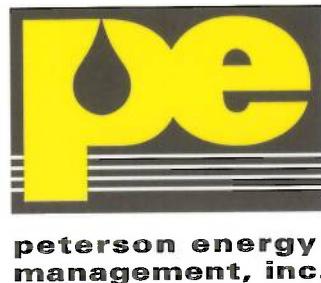
**Report Prepared By:
Peterson Energy Management, Inc.**

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JUL 15 2004

Office of Enforcement
Compliance & Environmental
Assistance

TAB	GREEN	BLUE	CBI
		3	



June 11, 2004

Mr. Kent Gilbert
Wattenberg Disposal, LLC
1675 Broadway, Suite 2800
Denver, CO 80202

RE: Suckla Farms #1
EPA Class I Permit CO10938-02115
April, 2004 Falloff Test Interpretation

Dear Kent:

In this report we detail the results of the pressure falloff test conducted in the subject well April 23rd to April 30th, 2004. This is the fifth pressure falloff test we have analyzed in this well since 1993. This report follows the layout and methodology contained in the EPA Region 6 UIC Pressure Falloff Testing Guideline, Third Revision, August 8, 2002.

We appreciate the opportunity to be of service. Please contact us if we may answer any questions.

Sincerely,

PETERSON ENERGY MANAGEMENT, INC

A handwritten signature in blue ink that reads "Andrew S. Peterson".

Andrew S. Peterson, PE
President

/attachments

petroleum engineering

1) Company Name & Address

Wattenberg Disposal, LLC
1675 Broadway, Suite 2800
Denver, Colorado 80202

2) Test Well Name & Location

Suckla Farms Injection Well #1
NW/4 Section 10-T1N-R67W
Weld County, Colorado

3) Facility Contact Person

Kent Gilbert 303-825-4822

Report Prepared by:
Andy Peterson 970-669-7411
Peterson Energy Management, Inc.
1805 Morning Drive, Loveland CO 80538

4) Openhole Log

See attached Dual Induction Log run 07/02/89
Lyons Sandstone injection zone

5) Well Schematic

See attached well schematic diagram

Wellbore radius: 0.328'
Completed interval depths: Lyons injection perforations 9276'-9418'
Type of completion: cased & cemented, injection under a packer set at 9040'
via 2 7/8" fiber-lined tubing

6) Date of Fill Depth

Current fill depth is 9476', recorded in March, 2003.

7) Offset well information

The nearest well completed in the Lyons formation is the Wattenberg SWD #1, NWSW Section 19-2N-66W, operated by Kerr-McGee RMC. This well is approximately 4½ miles to the north-east. No interference between these two wells is assumed to occur for purposes of this analysis.

8) Chronological Listing of Daily Testing Activities

Company has been injecting water into the subject well during daylight hours for five to six days per week for the past year. Injection averages 800 bbls per day.

04/21/04	12:00	Intermittent daylight injection stopped, well shut in
04/23/04	11:38	Tandem gauges installed at 9039' WLM
04/24/04	07:00	Injection began at 76 BWPH
04/25/03	07:00	Injection stopped, 1829 BW injected
04/30/04	06:19	Gauges off bottom (SI 119.3 hrs)

9) Electronic Submission of Raw Data

Attached CD contains a zip file of raw time-pressure-temperature data (at packer depth).

10) Tabular Summary of Injection Rates

Tabular summary of injection rates for the month preceding the falloff test is attached. This information is also included in a file on the attached CD, which has pressure data converted to perforation midpoint. A rate vs. time plot for the previous month follows.

11) Offset Well Rate Information

As discussed above, no offset well rate information is considered to be useful in this test analysis.

12) Hard Copy of Time and Pressure Data

A tabular summary (filtered to every 24th point) of raw time, pressure & temperature data is attached, along with a tabular summary of rate, time & pressure data converted to perforation midpoint.

13) Pressure Gauge Information

Top Gauge: 5000 psi Well Watchers HT electronic memory gauge SN5337, installed at 9038.5' WLM.

Pressure accuracy 0.05% (+/- 2.50 psi)

Pressure resolution 0.0003% of full scale (+/- 0.015 psi).

Last calibration 12/16/03, max error 2.16 psi, 0.43° F

Bottom Gauge: 5000 psi Well Watchers HT electronic memory gauge SN5340, installed at 9039.0' WLM.

Pressure accuracy 0.05% (+/- 2.50 psi)

Pressure resolution 0.0003% of full scale (+/- 0.015 psi).

Last calibration 12/16/03, max error 1.63 psi, 0.62° F

Calibration certificates for both gauges are attached.

Gauges supplied by Lightning Wireline 970-785-2670

14) General Test Information

Date of test: Injection commenced April 24, 2004, ceased April 25, 2004.

Bottom hole pressure monitored from April 23, 2004 to April 30, 2004.

Rate/Time information plotted from April 1, 2004 to April 30, 2004

Time synchronization: see attached data files.

Location of shut-in valve: well was shut in at the wellhead

15) Reservoir Parameters

Water viscosity (μ): 0.239 cp (correlation)

Porosity (ϕ): 6% Density Log porosity (measured)

Total Compressibility (ct): 9.36e-06 (correlation)

Formation Volume Factor: 1.055 (correlation)

Initial Formation Reservoir Pressure: From reservoir modeling as discussed below, p^* is approximately 3859 psia at perforation midpoint on 4/30/04.

This is 29 psi above the p^* estimated from the last pressure falloff test run in February, 2003.

Final injection pressure is approximately 4353 psi, 67 psi above the corrected 24-hour injection pressure on the February, 2003, pressure falloff test.

A summary of historical estimated Initial Formation Reservoir Pressure (p^*) values at 9347' perforation mid-point using a 0.442 psi/ft hydrostatic gradient follows:

July, 1993 4417 psia, unreliable
(23 hour shut in, surface gauges, no radial flow)

November, 1997 3590 psia

October, 2001 3760 psia

February, 2003 3830 psia(re-analysis of 2003 test)

April, 2004 3859 psia(from multi-layer synthesis)

Date Reservoir Pressure was last stabilized: Stabilization likely occurred during a workover in March, 2003, 13 months prior to this test. The 67 hour shut in period preceding the current test was not enough to see stabilization, as pressure was falling at the rate of 0.96 psi/hr at the start of injection.

Justified Interval Thickness: Tracer survey run 7/12/93 & temperature logs run 11/01/01 indicate entire 142' perforated interval is taking fluid. Wireline 1/8/03 & during 3/03 workover shows all perforations open.

We should note that modeling of the current test (as discussed below in Section 20) achieves best results using a thin (25'), low perm, high negative-skin zone, combined with a thicker (50'), higher perm, low negative-skin zone. This would indicate that the entire 142' interval may not be taking fluid. Considering that the Lyons is thought to have a certain amount of natural fracturing, it is reasonable to assume that the entire exposed formation is not taking fluid at the same rate.

16) Waste Plume

Cumulative injection volume into completed interval: 4,213,337 bbls as of April 25, 2004 at 07:00.

This volume was arrived at by using injection volumes supplied by the Colorado Oil & Gas Conservation Commission through December, 1997, and injection volumes supplied by the operator from January, 1998, through April, 2004.

Calculated radial distance to the waste front: We are unable to calculate a distance to the waste front as there is no contrast between historic waste plume viscosity and formation fluid viscosity.

Average historical waste fluid viscosity: To our knowledge, no direct viscosity measurements have been taken. Waste plume viscosity is assumed to be the same as formation fluid viscosity. Essentially all of the waste injected into the Suckla Farms #1 has been oilfield produced water, which will not have a significant contrast to the Lyons formation water.

17) Injection Period

Time: 7:00 AM 4/24/2004 to 7:00 AM 4/25/2004, 1829 bbls

Type fluid: oilfield brine/produced water

Pump Type: Water plant injection pump

Rate Meter: Halliburton digital turbine meter. SWD tanks were strapped before & after to confirm volume.

Final injection pressure, surface: unknown

Final injection pressure, at 9347' mid-perf: 4352.96 psia

Final Injection Temperature, at 9039' gauge depth: 120.81° F

18) Falloff Period

Total shut-in time: 7:00 AM 4/25/04 to 6:19 AM 4/30/04, 119.3 hours

Final shut-in pressure & temperature, at 9347' mid-perf:
3962.23 psig, 237.73° F.

Time well went on vacuum: approximately 5:15 PM 4/25/04, 10.25 hours into shut in period (based on BHP & assumed hydrostatic gradient, no surface gauges were installed as previous tests had also gone on vacuum)

19) Pressure Gradient

A static gradient was not run

20-21)Calculated Test Data and Corresponding Graphs

Please see attached graphs of the current test:

Rate & Pressure vs Time Chart (Cartesian plot)

Log-Log Derivative - Falloff

Log-Log Derivative – Injection

Semi-Log Falloff

Multi-Layer Cylinder Model

The Cartesian plot shows bottomhole injection pressure had not stabilized after the 24 hour injection period. Injection pressure was still rising at the rate of +/-1.50 psi/hr. No pressure anomalies due to gauge temperature destabilization are evident during the test. Data quality appears good. Pressure change during later test times are 0.010-0.012 psi per time step (1 minute). Gauge resolution (0.015 psi) is barely adequate for the observed pressure change.

The Injection Log-Log Derivative plot shows two short radial flow periods at the end of the test. The values obtained from the two radial flow periods are as follows:

$$k_1 = 9.311 \text{ md}, s_1 = -0.441$$

$$k_2 = 7.637 \text{ md}, s_2 = -1.678$$

While these numbers do not agree closely in absolute terms with the following analysis, they do suggest a two-layer system, which is discussed in greater detail later.

The Falloff Log-Log Derivative plot shows that radial flow was not reached during the falloff test period, confirmed by the lack of a meaningful horizontal straight-line region on the plot. As noted in the 2003 test report, a linear flow regime, indicating a fractured reservoir, appears to dominate flow on the Derivative plot, as confirmed by the straight-line $\frac{1}{2}$ slope relationship observed. No permeability or skin factor numbers were calculated from this plot due to lack of a radial flow region.

The Semilog Falloff plot shows a short (and questionable) straight-line region at the end of the test, with the following values obtained:

$$P^* = 3829 \text{ psia}$$

$$k = 0.855 \text{ md}$$

$$kh = 121.406 \text{ md-ft}$$

$$kh/\mu = 508.0 \text{ md-ft/cp}$$

$$s = -6.081$$

$$\text{Radius of investigation} = 895'$$

Radius of Investigation equation: $r = \sqrt{(k t / 948 \phi \mu c t)}$, for $t = 119.3$ hrs, with other parameters as defined above

While the Falloff Log-Log Derivative plot does not indicate that radial flow was reached, the above values obtained from the apparent radial flow interval on the Semilog Falloff plot fall in between the range of values obtained in further analysis as discussed below.

We obtain our best match from modeling the test as a multi-layer reservoir. The best iterative fit assumes a 50' layer with 5.75 md permeability and -0.281 skin, and a second 25' layer with 0.18 permeability and -9.166 skin. The Multi-Layer Cylinder plots show an excellent match in the falloff region and a fair match in the injection region. The synthetic log-log type curve generated using these parameters matches the observed falloff data almost exactly. Average least-squares fit error from the synthesis pressure match is 0.07%. We should note however, that this is not an exclusive solution. It is likely that a number of non-exclusive solutions with different layer characteristics are possible.

Reservoir parameters obtained from the Multi-Layer Cylinder model are as follows:

$$P^* = 3859 \text{ psia}$$

$$k_1 = 5.75 \text{ md}$$

$$kh/\mu_1 = 1202.8 \text{ md-ft/cp}$$

$$s_1 = -0.281$$

$$k_2 = 0.18 \text{ md}$$

$$kh/\mu_2 = 18.8 \text{ md-ft/cp}$$

$$s_2 = -9.166$$

Radius of investigation calculations are as follows:

For the 50' layer assuming above parameters and 119.3 hrs test time:

$$R_i = 2322'$$

For the 25' layer assuming above parameters and 119.3 hrs test time:

$$R_i = 411'$$

Assuming arithmetic weighted average permeability of 3.89 md, the radius of investigation is 1911 feet.

Radius of Investigation equation: $r = \sqrt{(k t / 948 \phi \mu c t)}$ with parameters defined previously

Due to the variable rate conditions reported prior to this test, the plots in this report use a superposition time function. EPA Region VI guidelines recommend using a rate history of at least twice the length of the falloff test. Rate information for 24 days preceding the falloff test was used to generate the superposition. This is over four times the duration of the falloff test. Plots were generated using the F.A.S.T. WellTest v4.107 software package available from Fekete Associates, Inc., Calgary, Alberta, Canada.

22) Comparison with Petition Demonstration

Condition #5 on Page 12 in Permit # CO10938-02115 stipulates an upper limit of 8,300,000 barrels of injected waste. This corresponds with a waste front of 1,320', assuming piston displacement. The current volume of 4,213,337 barrels injected corresponds to a waste front of 940', assuming an injection interval of 142'. While the effective injection interval may be less than 142', the additional fracture porosity postulated in this and previous reports makes the 940' a conservative estimate of the radial front of the waste plume. If fractures exist, which we feel this report demonstrates, then the reservoir must contain additional storage in the fracture system, in addition to the 6% matrix porosity. This will have the effect of increasing the

effective porosity, which decreases the distance to the waste front for any assumed injection volume or effective zone height.

Equation:

$$r = \sqrt{(5.615 V / (\pi h \phi))}$$

where $V = 4,213,337$ bbls, $h = 142'$, $\phi = 0.06$

It is our opinion that the current test design is adequate to investigate this reservoir, given the constraints of daylight-only injection operations and available water storage. We recommend that subsequent tests follow this same design, which has now been used for two consecutive annual tests.

At some future date, if the operator is able to schedule a longer shut in period that coincides with planned maintenance work on the surface facilities, it would be beneficial to see how a longer shut in period affects the test results.

23) Radioactive Tracer Survey

A radioactive tracer was not run during this test. The last radioactive tracer survey run in the Suckla Farms #1 was done in July, 1993.

24) Unusual Permit Approval Conditions

We are not aware of any unusual permit approval conditions.

Report prepared for Wattenberg Disposal, LLC. by

PETERSON ENERGY MANAGEMENT, INC

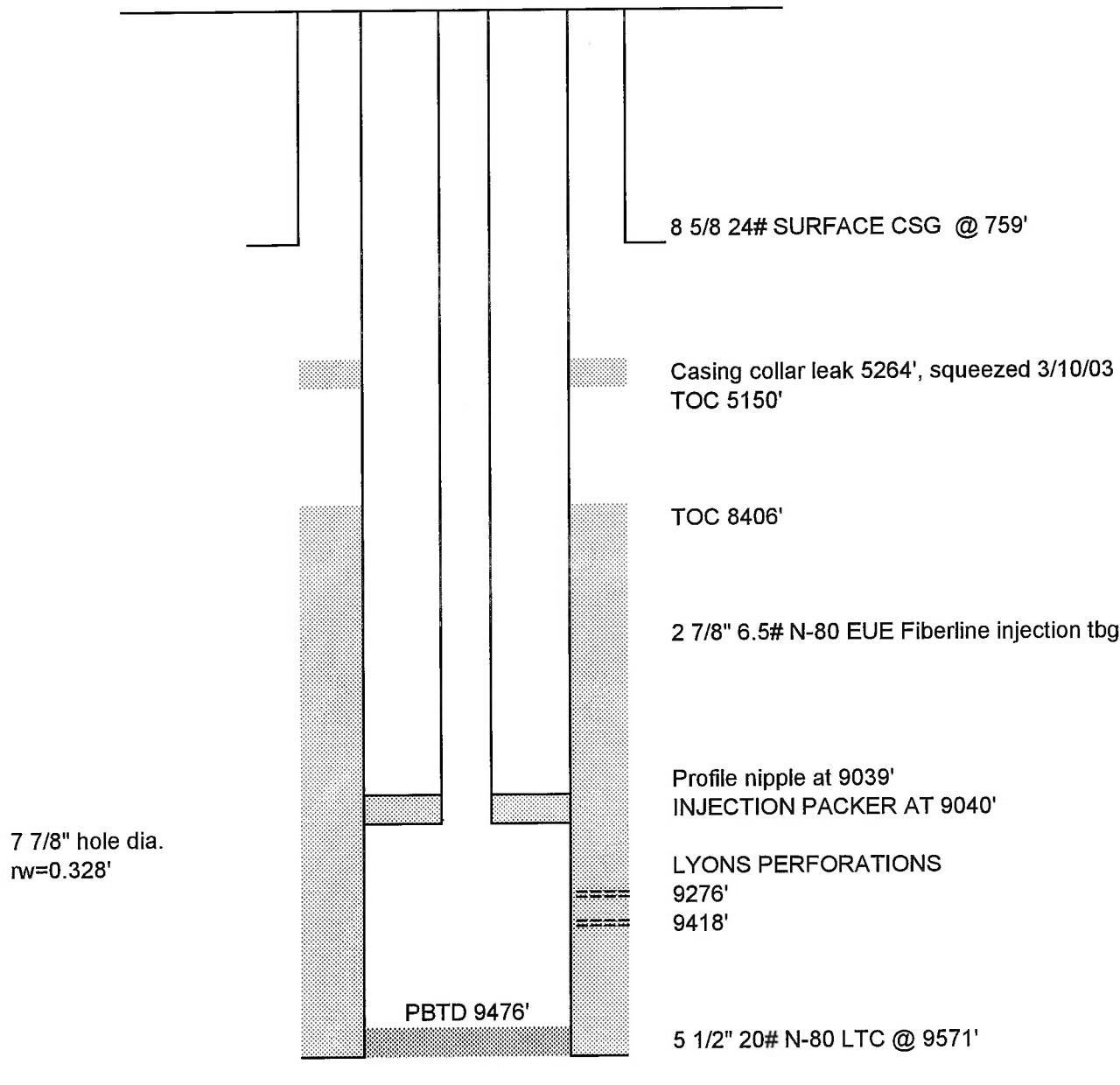


Andrew S. Peterson, P.E.
June 10, 2004

Reference: EPA Region VI UIC Pressure Falloff Testing Guideline, Third Revision, August 8, 2002

WELLBORE SCHEMATIC

**WATTENBERG DISPOSAL
SUCKLA FARMS INJECTION WELL #1
NW 1/4 SECTION 10-1N-67W
WELD COUNTY, CO
05-123-14291**



ASP
6/2/2004

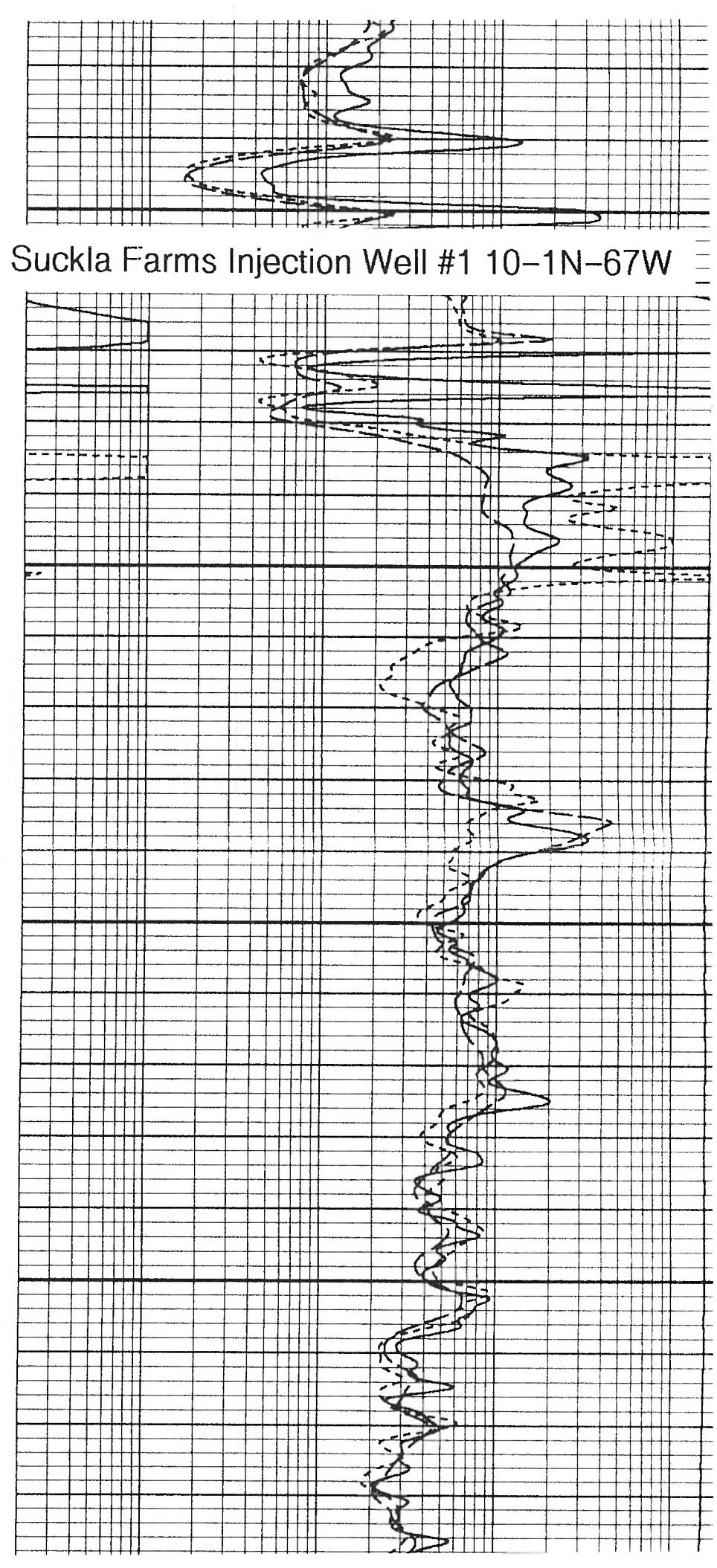
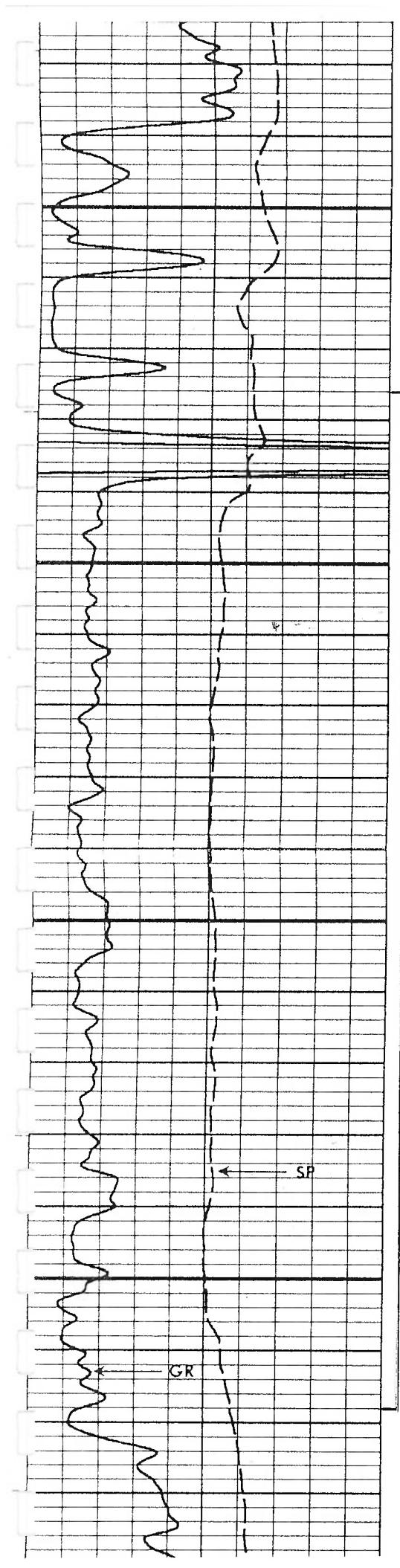
ATLAS
WIRELINE
SERVICES

DUAL INDUCTION FOCUSED LOG
GAMMA RAY

FILE NO.	COMPANY WRIGHT'S DISPOSAL		
API NO.	WELL SUCKLA FARMS INJECTION WELL NO.1		
	FIELD SPINDLE		
	COUNTY WELD	STATE COLORADO	
	LOCATION: NW/4 500 FSL & 2020 FWL SEC 10 TWP 1N RGE 67W	OTHER SERVICES COLC/CNL/GR	

PERMANENT DATUM	*G.L.	ELEV.	5046.2	ELEVATIONS
LOGGING MEASURED FROM	K.B.	10	FT. ABOVE P.D.	KB 5056.2
DRILLING MASURED FROM	K.B.			DF 5046.2

DATE	7-02-89			
RUN	1			
SERVICE ORDER	000898			
DEPTH-DRILLER	9573			
DEPTH-LOGGER	9571			
BOTTOM LOGGED INTERVAL	9569			
TOP LOGGED INTERVAL	CASING			
CASING - DRILLER	8 5/8"	@ 770		@
CASING - LOGGER	770			
BIT SIZE	7 7/8"			
TYPE FLUID IN HOLE	POLYMER-GEL			
DENSITY / VISCOSITY	8.9	60		
PH / FLUID LOSS	10.5	10.4		
SOURCE OF SAMPLE	MUOPIT			
RM AT MEAS. TEMP.	1.07	@ 102		@
RMF AT MEAS. TEMP.	.80	@ 102		@
RMC AT MEAS. TEMP.	1.34	@ 102		@
SOURCE OF RMF / RMC	CALC.	CALC.		
RM AT BHT	0.52	@ 212		@
TIME SINCE CIRCULATION	3.0 HRS.			
MAX. REC. TEMP. DEG. F	212			
EQUIP. NO. / LOC.	HL-6401	FT. MORGAN		
RECORDED BY	L.L. LEBSOCK			
WITNESSED BY	ROBERT FULLOP			



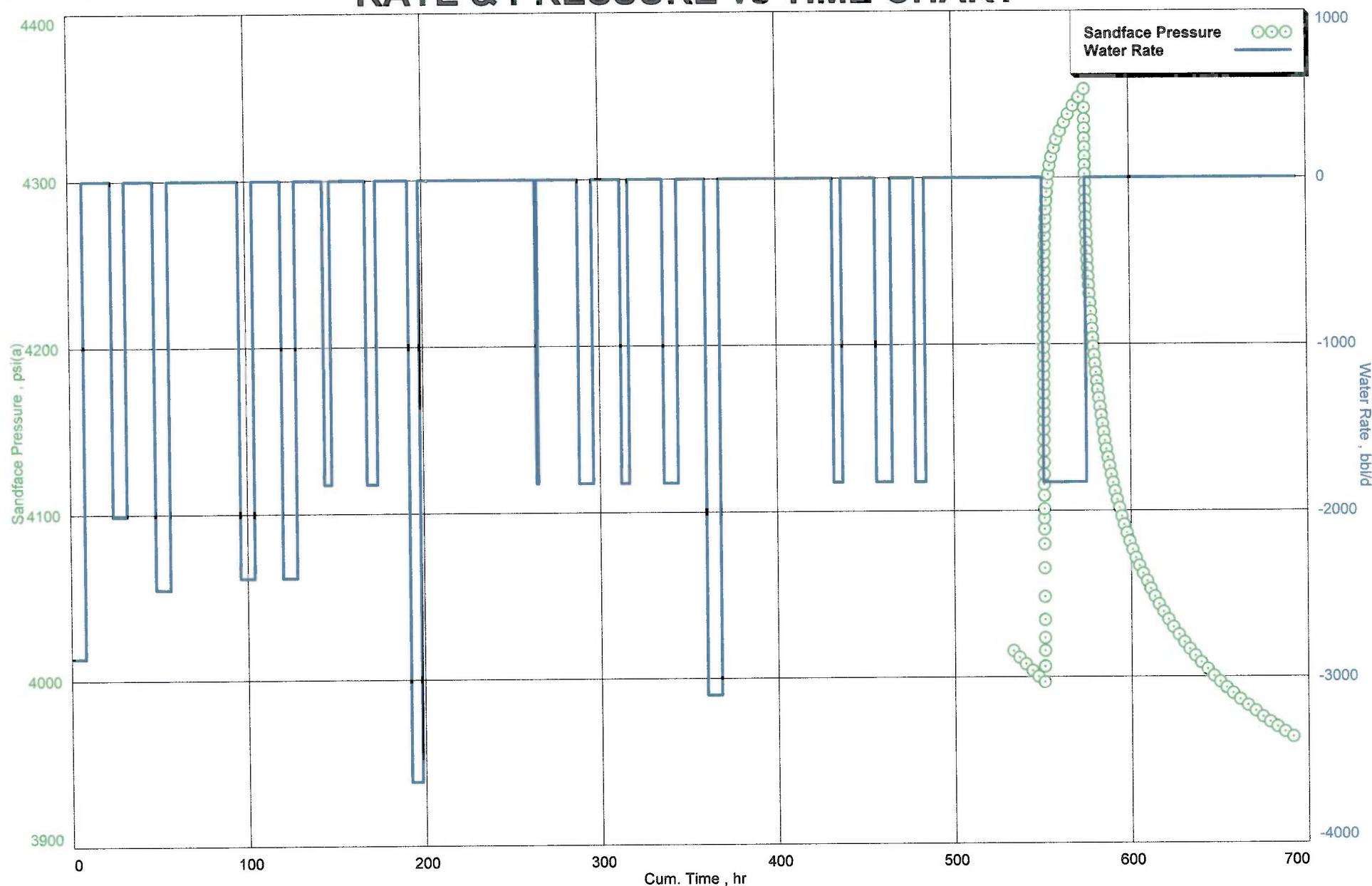
09300

09400

REP

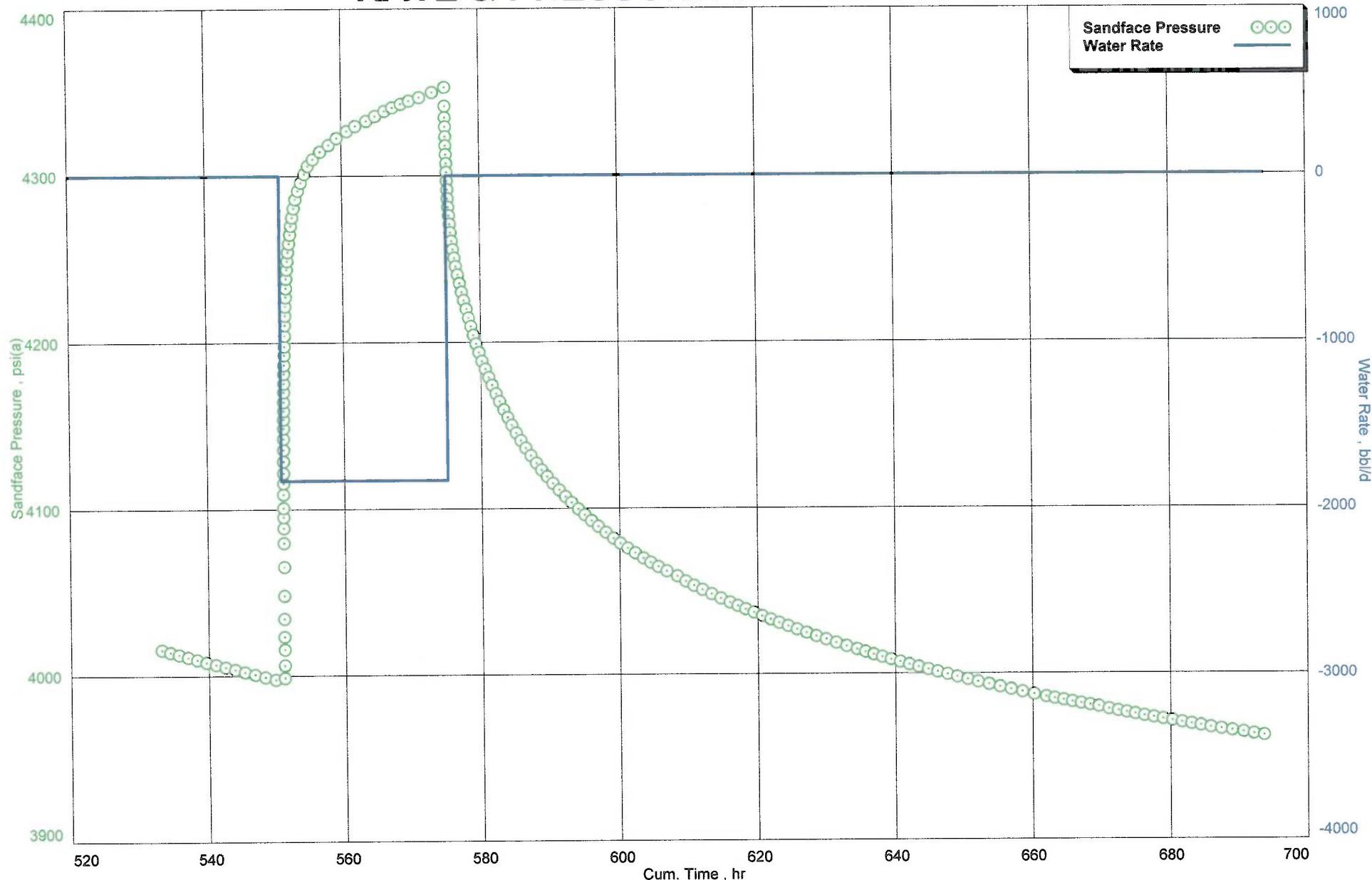
Suckla Farms Injection Well #1
EPA Region VIII Permit #CO10938-02115
Pressure Falloff Test 4/23/04-4/30/04

RATE & PRESSURE vs TIME CHART

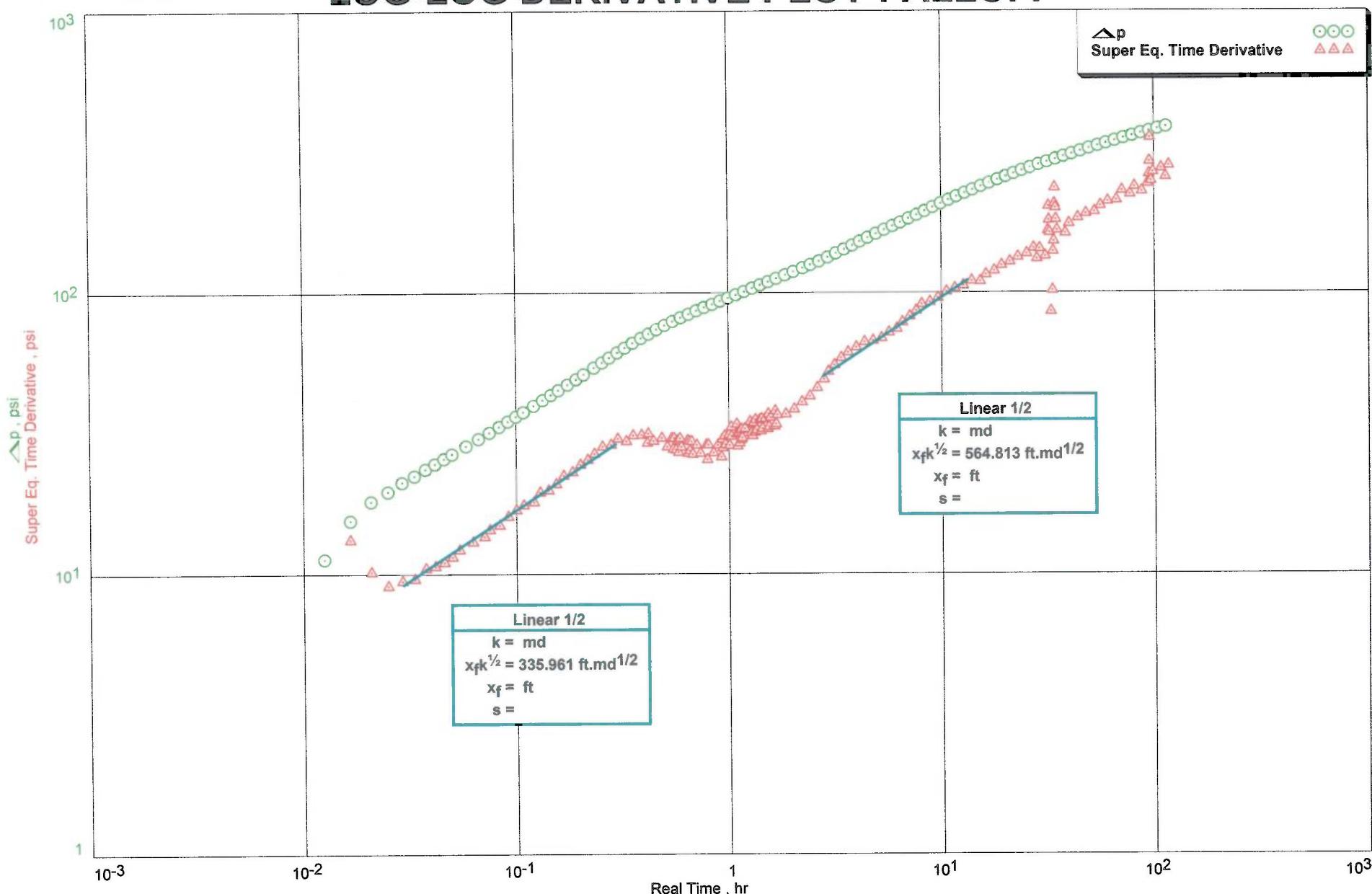


Suckla Farms Injection Well #1
EPA Region VIII Permit #CO10938-02115
Pressure Falloff Test 4/23/04-4/30/04

RATE & PRESSURE vs TIME CHART

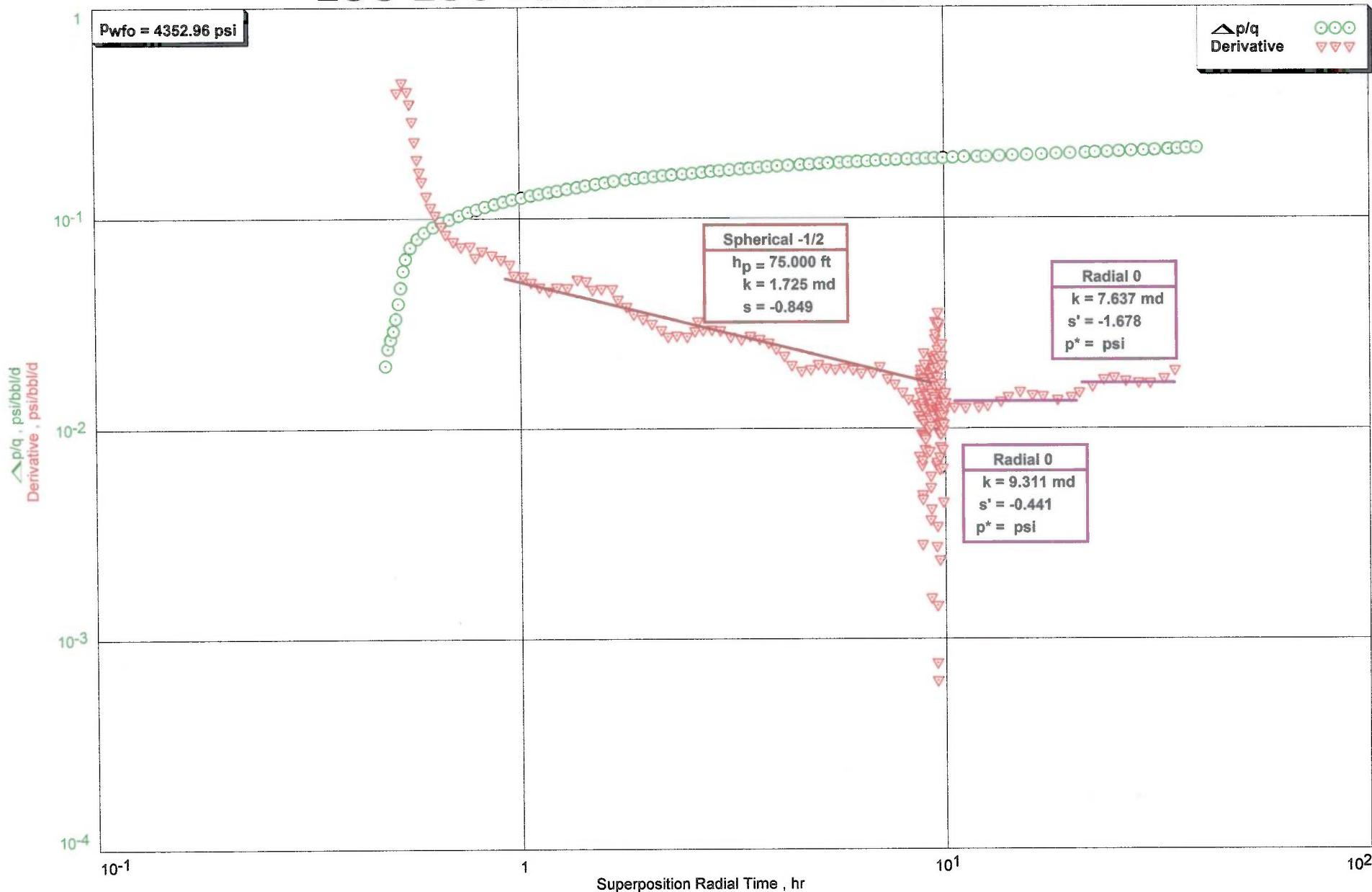


LOG-LOG DERIVATIVE PLOT-FALLOFF



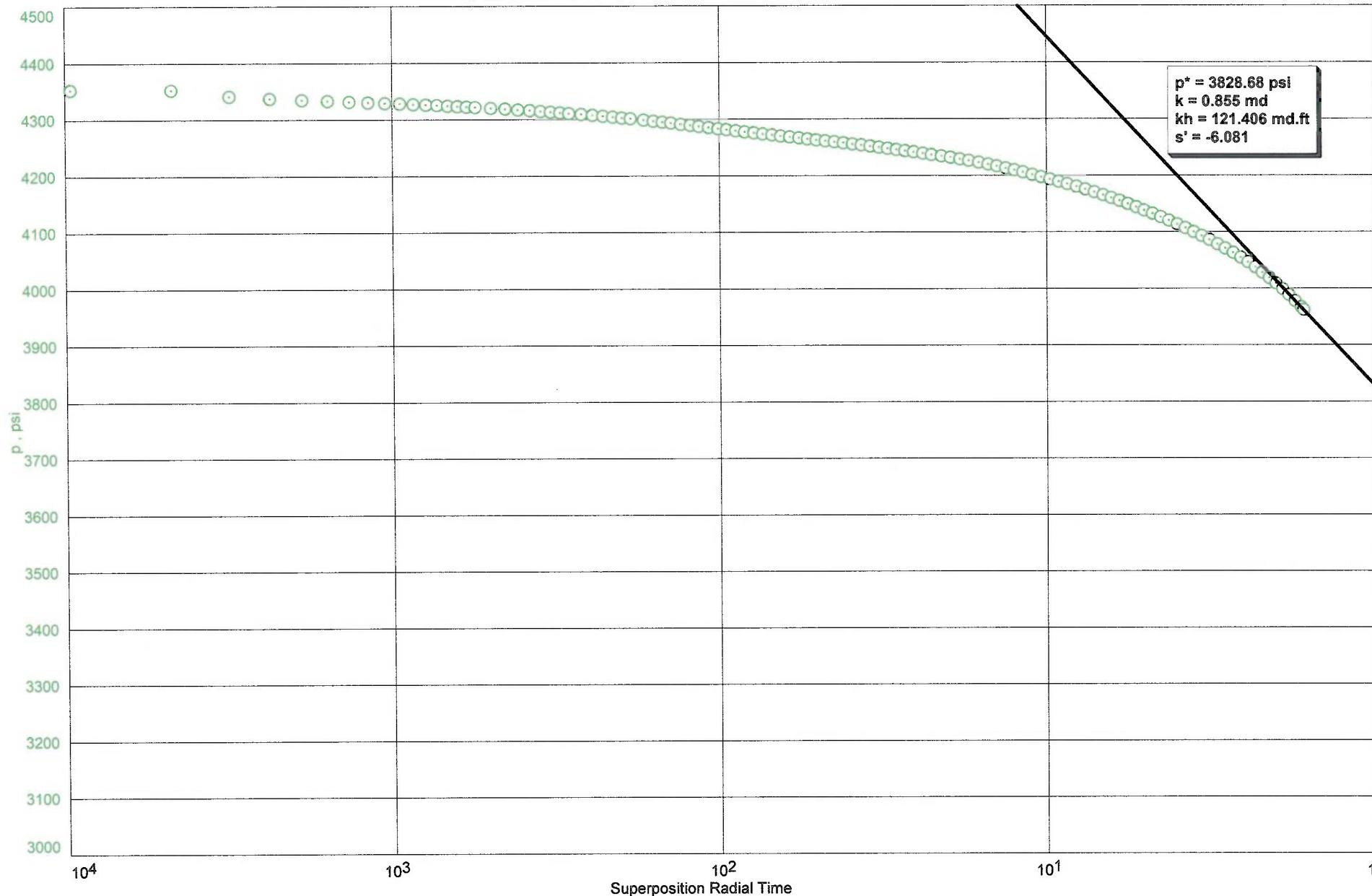
Suckla Farms Injection Well #1
EPA Region VIII Permit #CO10938-02115
Pressure Falloff Test 4/23/04-4/30/04

LOG-LOG DERIVATIVE PLOT-INJECTION



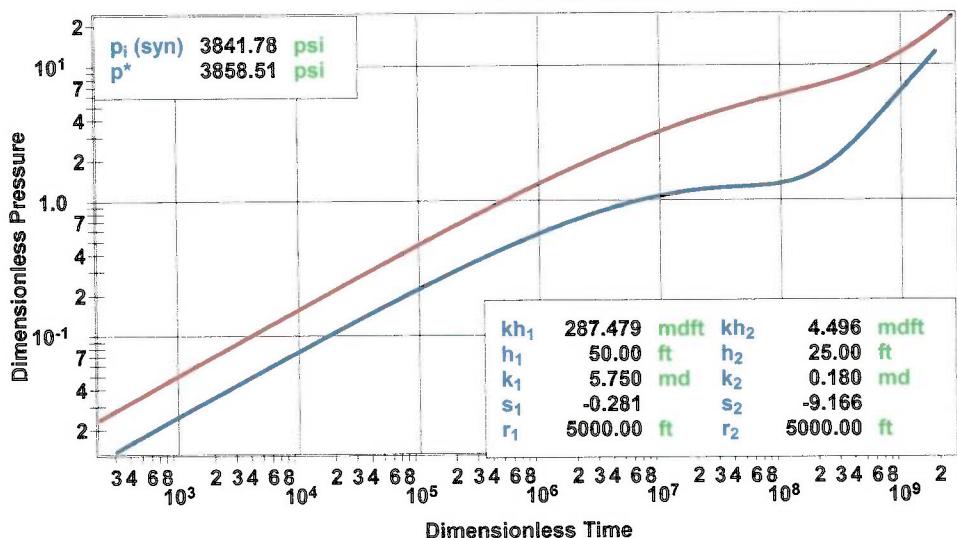
Suckla Farms Injection Well #1
EPA Region VIII Permit #CO10938-02115
Pressure Falloff Test 4/23/04-4/30/04

SEMILOG FALLOFF PLOT



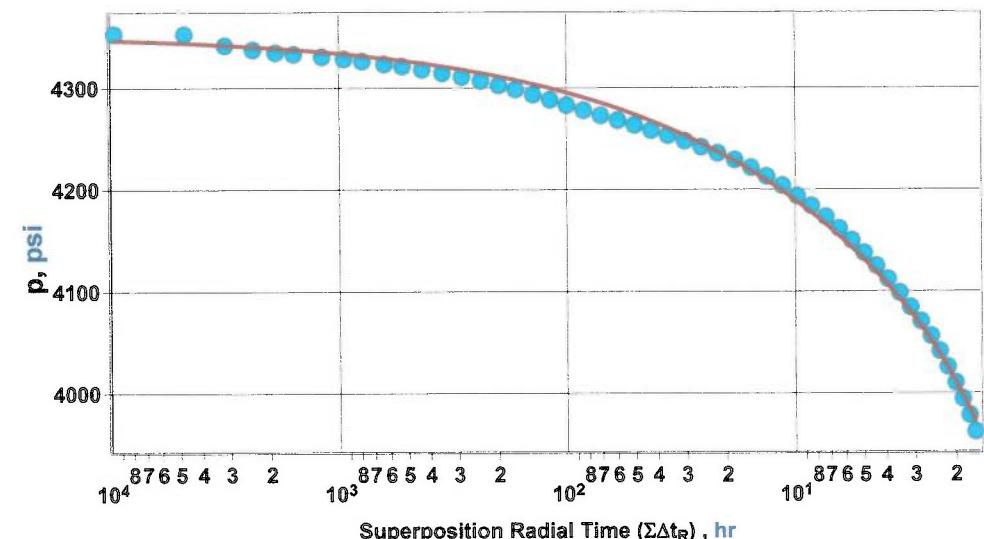
Multi-Layer Cylinder Model

Dimensionless Typecurve



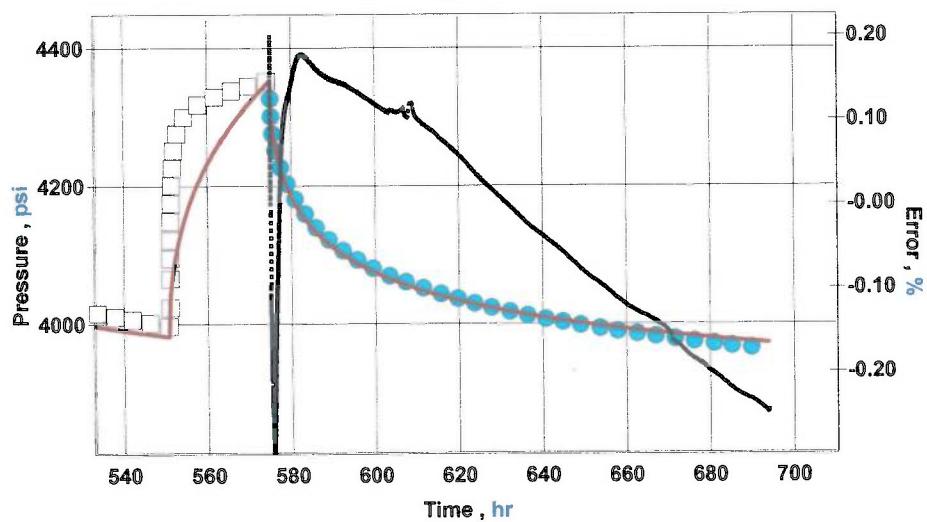
Multi-Layer Cylinder Model

Radial



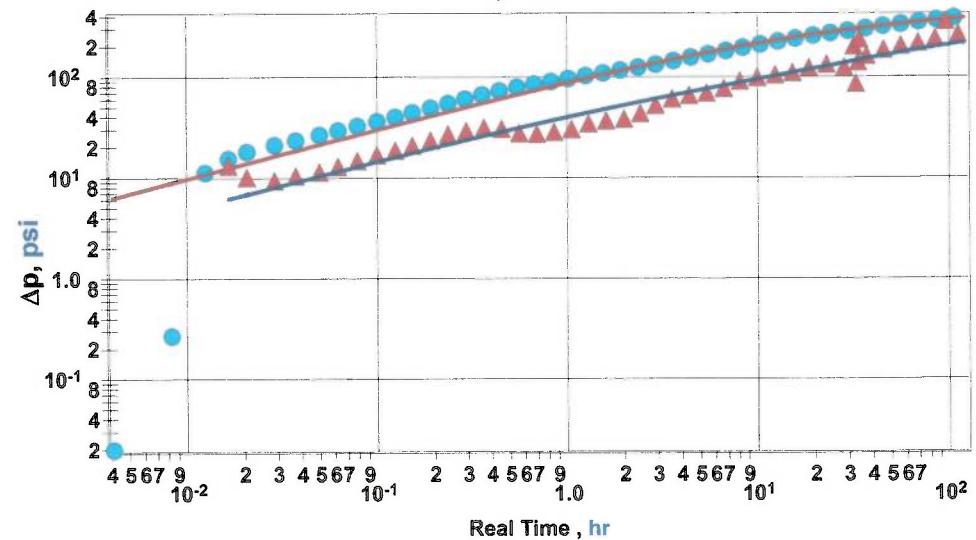
Multi-Layer Cylinder Model

Total Test



Multi-Layer Cylinder Model

Typecurve



Suckla Farms Injection Well #1
 EPA Region VIII Permit #CO10938-02115
 Pressure Falloff Test 4/23/04-4/30/04

Item	Date/Clock Time	Time	Cum. Time	Sandface Pressure @ Perf Midpoint 9347' psi(a)	Water Rate			
					MM/DD/YYYY	hr	hr	bbl/d
1	04/01/2004 08:00:00	0.0000	0.0000					-2868.000
2	04/01/2004 16:00:00	8.0000	8.0000					-2868.000
3	04/02/2004 08:00:00	24.0000	24.0000					0.000
4	04/02/2004 16:00:00	32.0000	32.0000					-2013.000
5	04/03/2004 08:00:00	48.0000	48.0000					0.000
6	04/03/2004 16:00:00	56.0000	56.0000					-2454.000
7	04/05/2004 08:00:00	96.0000	96.0000					0.000
8	04/05/2004 16:00:00	104.0000	104.0000					-2385.000
9	04/06/2004 08:00:00	120.0000	120.0000					0.000
10	04/06/2004 16:00:00	128.0000	128.0000					-2385.000
11	04/07/2004 08:00:00	144.0000	144.0000					0.000
12	04/07/2004 12:00:00	148.0000	148.0000					-1824.000
13	04/08/2004 08:00:00	168.0000	168.0000					0.000
14	04/08/2004 14:00:00	174.0000	174.0000					-1824.000
15	04/09/2004 08:00:00	192.0000	192.0000					-3615.000
16	04/09/2004 14:00:00	198.0000	198.0000					0.000
17	04/12/2004 08:00:00	264.0000	264.0000					-1824.000
18	04/12/2004 09:00:00	265.0000	265.0000					0.000
19	04/13/2004 08:00:00	288.0000	288.0000					-1824.000
20	04/13/2004 16:00:00	296.0000	296.0000					0.000
21	04/14/2004 08:00:00	312.0000	312.0000					-1824.000
22	04/14/2004 12:30:00	316.5000	316.5000					0.000
23	04/15/2004 08:00:00	336.0000	336.0000					-1824.000
24	04/15/2004 16:00:00	344.0000	344.0000					0.000
25	04/16/2004 08:00:00	360.0000	360.0000					-3100.000
26	04/16/2004 16:00:00	368.0000	368.0000					0.000
27	04/19/2004 08:00:00	432.0000	432.0000					-1824.000
28	04/19/2004 13:00:00	437.0000	437.0000					0.000
29	04/20/2004 08:00:00	456.0000	456.0000					-1824.000
30	04/20/2004 17:00:00	465.0000	465.0000					0.000
31	04/21/2004 06:00:00	478.0000	478.0000					-1824.000
32	04/21/2004 12:00:00	484.0000	484.0000					0.000
33	04/23/2004 13:10:57	533.1825	533.1825		4015.79			
35	04/23/2004 13:57:57	533.9658	533.9658		4014.79			
37	04/23/2004 14:47:12	534.7866	534.7866		4013.79			
39	04/23/2004 15:37:27	535.6241	535.6241		4012.79			
41	04/23/2004 16:29:27	536.4908	536.4908		4011.79			
43	04/23/2004 17:22:12	537.3700	537.3700		4010.79			
45	04/23/2004 18:16:12	538.2700	538.2700		4009.79			
47	04/23/2004 19:10:57	539.1825	539.1825		4008.79			
49	04/23/2004 20:05:27	540.0908	540.0908		4007.79			
51	04/23/2004 21:01:27	541.0241	541.0241		4006.79			
53	04/23/2004 21:57:12	541.9533	541.9533		4005.79			
55	04/23/2004 22:53:12	542.8866	542.8866		4004.79			
57	04/23/2004 23:49:27	543.8241	543.8241		4003.79			
59	04/24/2004 00:44:57	544.7491	544.7491		4002.79			
61	04/24/2004 01:43:57	545.7325	545.7325		4001.79			
63	04/24/2004 02:42:12	546.7033	546.7033		4000.79			
65	04/24/2004 03:41:42	547.6950	547.6950		3999.79			
67	04/24/2004 04:42:12	548.7033	548.7033		3998.79			

Suckla Farms Injection Well #1
 EPA Region VIII Permit #CO10938-02115
 Pressure Falloff Test 4/23/04-4/30/04

Item	Date/Clock Time MM/DD/YYYY	Time hr	Cum. Time hr	Sandface Pressure @ Perf Midpoint 9347' psi(a)	Water Rate bbl/d
69	04/24/2004 05:44:42	549.7450	549.7450	3997.79	
71	04/24/2004 06:46:57	550.7825	550.7825	3996.79	
72	04/24/2004 07:03:27	551.0575	551.0575	3998.74	-1829.000
74	04/24/2004 07:03:57	551.0658	551.0658	4010.98	
76	04/24/2004 07:04:27	551.0741	551.0741	4023.42	
78	04/24/2004 07:04:57	551.0825	551.0825	4048.27	
80	04/24/2004 07:05:27	551.0908	551.0908	4079.82	
82	04/24/2004 07:05:57	551.0991	551.0991	4095.43	
84	04/24/2004 07:06:27	551.1075	551.1075	4105.07	
86	04/24/2004 07:06:57	551.1158	551.1158	4113.02	
88	04/24/2004 07:07:27	551.1241	551.1241	4119.52	
90	04/24/2004 07:07:57	551.1325	551.1325	4124.30	
92	04/24/2004 07:08:27	551.1408	551.1408	4128.85	
94	04/24/2004 07:08:57	551.1491	551.1491	4132.89	
96	04/24/2004 07:09:27	551.1575	551.1575	4137.41	
98	04/24/2004 07:09:57	551.1658	551.1658	4140.25	
100	04/24/2004 07:10:27	551.1741	551.1741	4143.33	
102	04/24/2004 07:10:57	551.1825	551.1825	4146.58	
104	04/24/2004 07:11:27	551.1908	551.1908	4150.36	
106	04/24/2004 07:11:57	551.1991	551.1991	4151.85	
108	04/24/2004 07:12:27	551.2075	551.2075	4154.16	
110	04/24/2004 07:12:57	551.2158	551.2158	4157.97	
112	04/24/2004 07:13:27	551.2241	551.2241	4160.33	
114	04/24/2004 07:13:57	551.2325	551.2325	4162.39	
116	04/24/2004 07:14:27	551.2408	551.2408	4164.60	
118	04/24/2004 07:14:57	551.2491	551.2491	4166.64	
120	04/24/2004 07:15:27	551.2575	551.2575	4169.58	
122	04/24/2004 07:15:57	551.2658	551.2658	4171.58	
124	04/24/2004 07:16:27	551.2741	551.2741	4173.70	
126	04/24/2004 07:16:57	551.2825	551.2825	4175.66	
128	04/24/2004 07:17:27	551.2908	551.2908	4177.65	
130	04/24/2004 07:17:57	551.2991	551.2991	4179.64	
132	04/24/2004 07:18:27	551.3075	551.3075	4181.48	
134	04/24/2004 07:18:57	551.3158	551.3158	4183.25	
136	04/24/2004 07:19:27	551.3241	551.3241	4185.01	
138	04/24/2004 07:19:57	551.3325	551.3325	4186.65	
140	04/24/2004 07:20:27	551.3408	551.3408	4188.26	
142	04/24/2004 07:21:12	551.3533	551.3533	4190.32	
144	04/24/2004 07:21:57	551.3658	551.3658	4192.64	
146	04/24/2004 07:22:42	551.3783	551.3783	4194.18	
148	04/24/2004 07:23:27	551.3908	551.3908	4196.78	
150	04/24/2004 07:24:12	551.4033	551.4033	4197.89	
152	04/24/2004 07:24:42	551.4116	551.4116	4199.04	
154	04/24/2004 07:25:27	551.4241	551.4241	4201.62	
156	04/24/2004 07:26:57	551.4491	551.4491	4204.37	
158	04/24/2004 07:27:42	551.4616	551.4616	4205.62	
160	04/24/2004 07:28:27	551.4741	551.4741	4207.62	
162	04/24/2004 07:29:12	551.4866	551.4866	4209.14	
164	04/24/2004 07:30:27	551.5075	551.5075	4211.19	
166	04/24/2004 07:31:27	551.5241	551.5241	4213.64	

Item	Date/Clock Time	Time	Cum. Time	Sandface Pressure @ Perf Midpoint 9347' psi(a)	Water Rate
	MM/DD/YYYY	hr	hr		bbl/d
168	04/24/2004 07:32:12	551.5366	551.5366	4214.94	
170	04/24/2004 07:33:27	551.5575	551.5575	4217.01	
172	04/24/2004 07:34:27	551.5741	551.5741	4218.77	
174	04/24/2004 07:34:57	551.5825	551.5825	4220.62	
176	04/24/2004 07:36:12	551.6033	551.6033	4223.06	
178	04/24/2004 07:37:12	551.6200	551.6200	4224.55	
180	04/24/2004 07:38:27	551.6408	551.6408	4226.54	
182	04/24/2004 07:39:42	551.6616	551.6616	4228.70	
184	04/24/2004 07:41:12	551.6866	551.6866	4230.97	
186	04/24/2004 07:42:12	551.7033	551.7033	4232.73	
188	04/24/2004 07:42:57	551.7158	551.7158	4234.32	
190	04/24/2004 07:44:27	551.7408	551.7408	4236.39	
192	04/24/2004 07:46:12	551.7700	551.7700	4238.55	
194	04/24/2004 07:48:12	551.8033	551.8033	4240.70	
196	04/24/2004 07:49:42	551.8283	551.8283	4242.40	
198	04/24/2004 07:51:27	551.8575	551.8575	4244.07	
200	04/24/2004 07:53:12	551.8866	551.8866	4245.74	
202	04/24/2004 07:54:42	551.9116	551.9116	4247.13	
204	04/24/2004 07:56:12	551.9366	551.9366	4248.43	
206	04/24/2004 07:58:27	551.9741	551.9741	4249.85	
208	04/24/2004 07:59:27	551.9908	551.9908	4251.09	
210	04/24/2004 08:01:57	552.0325	552.0325	4252.73	
212	04/24/2004 08:04:27	552.0741	552.0741	4254.51	
214	04/24/2004 08:07:27	552.1241	552.1241	4255.85	
216	04/24/2004 08:08:42	552.1450	552.1450	4257.14	
218	04/24/2004 08:10:27	552.1741	552.1741	4258.42	
220	04/24/2004 08:13:12	552.2200	552.2200	4259.59	
222	04/24/2004 08:15:12	552.2533	552.2533	4260.79	
224	04/24/2004 08:16:12	552.2700	552.2700	4261.90	
226	04/24/2004 08:18:42	552.3116	552.3116	4263.15	
228	04/24/2004 08:20:27	552.3408	552.3408	4264.30	
230	04/24/2004 08:23:27	552.3908	552.3908	4265.48	
232	04/24/2004 08:24:27	552.4075	552.4075	4266.57	
234	04/24/2004 08:26:57	552.4491	552.4491	4268.05	
236	04/24/2004 08:30:27	552.5075	552.5075	4269.65	
238	04/24/2004 08:32:57	552.5491	552.5491	4270.83	
240	04/24/2004 08:36:12	552.6033	552.6033	4272.53	
242	04/24/2004 08:39:57	552.6658	552.6658	4274.05	
244	04/24/2004 08:43:27	552.7241	552.7241	4275.31	
246	04/24/2004 08:44:57	552.7491	552.7491	4276.36	
248	04/24/2004 08:48:27	552.8075	552.8075	4277.57	
250	04/24/2004 08:51:57	552.8658	552.8658	4279.11	
252	04/24/2004 08:55:12	552.9200	552.9200	4280.29	
254	04/24/2004 08:58:12	552.9700	552.9700	4281.39	
256	04/24/2004 09:01:57	553.0325	553.0325	4282.70	
258	04/24/2004 09:05:27	553.0908	553.0908	4283.86	
260	04/24/2004 09:09:57	553.1658	553.1658	4285.14	
262	04/24/2004 09:13:42	553.2283	553.2283	4286.15	
264	04/24/2004 09:17:42	553.2950	553.2950	4287.29	
266	04/24/2004 09:22:27	553.3741	553.3741	4288.42	

Item	Date/Clock Time	Time	Cum. Time	Sandface Pressure @ Perf Midpoint 9347' psi(a)	Water
					Rate
					bbl/d
268	04/24/2004 09:28:57	553.4825	553.4825	4289.59	
270	04/24/2004 09:34:12	553.5700	553.5700	4290.69	
272	04/24/2004 09:38:57	553.6491	553.6491	4291.78	
274	04/24/2004 09:43:42	553.7283	553.7283	4292.82	
276	04/24/2004 09:48:57	553.8158	553.8158	4293.86	
278	04/24/2004 09:55:42	553.9283	553.9283	4295.01	
280	04/24/2004 10:00:57	554.0158	554.0158	4296.06	
282	04/24/2004 10:07:42	554.1283	554.1283	4297.31	
284	04/24/2004 10:13:42	554.2283	554.2283	4298.33	
286	04/24/2004 10:21:12	554.3533	554.3533	4299.49	
288	04/24/2004 10:27:42	554.4616	554.4616	4300.71	
290	04/24/2004 10:36:27	554.6075	554.6075	4301.90	
292	04/24/2004 10:44:12	554.7366	554.7366	4302.96	
294	04/24/2004 10:51:12	554.8533	554.8533	4303.99	
296	04/24/2004 10:58:12	554.9700	554.9700	4305.01	
298	04/24/2004 11:05:42	555.0950	555.0950	4306.02	
300	04/24/2004 11:16:27	555.2741	555.2741	4307.11	
302	04/24/2004 11:27:57	555.4658	555.4658	4308.26	
304	04/24/2004 11:41:12	555.6366	555.6866	4309.27	
306	04/24/2004 11:49:27	555.8241	555.8241	4309.81	
308	04/24/2004 11:49:57	555.8325	555.8325	4309.94	
310	04/24/2004 11:50:27	555.8408	555.8408	4309.85	
312	04/24/2004 11:50:57	555.8491	555.8491	4309.97	
314	04/24/2004 11:51:27	555.8575	555.8575	4309.99	
316	04/24/2004 11:51:57	555.8658	555.8658	4310.06	
318	04/24/2004 11:52:27	555.8741	555.8741	4309.99	
320	04/24/2004 11:52:57	555.8825	555.8825	4310.17	
322	04/24/2004 11:53:27	555.8908	555.8908	4310.12	
324	04/24/2004 11:53:57	555.8991	555.8991	4310.26	
326	04/24/2004 11:54:27	555.9075	555.9075	4310.18	
328	04/24/2004 11:54:57	555.9158	555.9158	4310.28	
330	04/24/2004 11:55:27	555.9241	555.9241	4310.25	
332	04/24/2004 11:55:57	555.9325	555.9325	4310.29	
334	04/24/2004 11:56:27	555.9408	555.9408	4310.32	
336	04/24/2004 11:56:57	555.9491	555.9491	4310.35	
338	04/24/2004 11:57:27	555.9575	555.9575	4310.38	
340	04/24/2004 11:57:57	555.9658	555.9658	4310.46	
342	04/24/2004 11:58:27	555.9741	555.9741	4310.53	
344	04/24/2004 11:58:57	555.9825	555.9825	4310.60	
346	04/24/2004 11:59:27	555.9908	555.9908	4310.66	
348	04/24/2004 11:59:57	555.9991	555.9991	4310.69	
350	04/24/2004 12:00:27	556.0075	556.0075	4310.72	
352	04/24/2004 12:00:57	556.0158	556.0158	4310.74	
354	04/24/2004 12:01:27	556.0241	556.0241	4310.76	
356	04/24/2004 12:01:57	556.0325	556.0325	4310.80	
358	04/24/2004 12:02:27	556.0408	556.0408	4310.83	
360	04/24/2004 12:02:57	556.0491	556.0491	4310.89	
362	04/24/2004 12:03:27	556.0575	556.0575	4310.94	
364	04/24/2004 12:03:57	556.0658	556.0658	4311.00	
366	04/24/2004 12:04:27	556.0741	556.0741	4311.02	

Item	Date/Clock Time	Time	Cum. Time	Sandface Pressure @ Perf Midpoint 9347' psi(a)	Water Rate bbl/d
	MM/DD/YYYY	hr	hr		
368	04/24/2004 12:04:57	556.0825	556.0825	4311.08	
370	04/24/2004 12:05:27	556.0908	556.0908	4311.14	
372	04/24/2004 12:05:57	556.0991	556.0991	4311.18	
374	04/24/2004 12:06:27	556.1075	556.1075	4311.16	
376	04/24/2004 12:06:57	556.1158	556.1158	4311.24	
378	04/24/2004 12:07:27	556.1241	556.1241	4311.29	
380	04/24/2004 12:07:57	556.1325	556.1325	4311.29	
382	04/24/2004 12:08:27	556.1408	556.1408	4311.37	
384	04/24/2004 12:08:57	556.1491	556.1491	4311.25	
386	04/24/2004 12:09:27	556.1575	556.1575	4311.50	
388	04/24/2004 12:09:57	556.1658	556.1658	4311.40	
390	04/24/2004 12:10:27	556.1741	556.1741	4311.42	
392	04/24/2004 12:10:57	556.1825	556.1825	4311.45	
394	04/24/2004 12:11:27	556.1908	556.1908	4311.49	
396	04/24/2004 12:11:57	556.1991	556.1991	4311.52	
398	04/24/2004 12:12:27	556.2075	556.2075	4311.63	
400	04/24/2004 12:12:57	556.2158	556.2158	4311.51	
402	04/24/2004 12:13:27	556.2241	556.2241	4311.68	
404	04/24/2004 12:13:57	556.2325	556.2325	4311.75	
406	04/24/2004 12:14:27	556.2408	556.2408	4311.88	
408	04/24/2004 12:14:57	556.2491	556.2491	4311.88	
410	04/24/2004 12:15:27	556.2575	556.2575	4311.90	
412	04/24/2004 12:15:57	556.2658	556.2658	4311.94	
414	04/24/2004 12:16:27	556.2741	556.2741	4311.99	
416	04/24/2004 12:16:57	556.2825	556.2825	4312.04	
418	04/24/2004 12:17:27	556.2908	556.2908	4311.98	
420	04/24/2004 12:17:57	556.2991	556.2991	4312.16	
422	04/24/2004 12:18:27	556.3075	556.3075	4312.24	
424	04/24/2004 12:18:57	556.3158	556.3158	4312.35	
426	04/24/2004 12:19:27	556.3241	556.3241	4312.39	
428	04/24/2004 12:19:57	556.3325	556.3325	4312.42	
430	04/24/2004 12:20:27	556.3408	556.3408	4312.41	
432	04/24/2004 12:20:57	556.3491	556.3491	4312.40	
434	04/24/2004 12:21:27	556.3575	556.3575	4312.41	
436	04/24/2004 12:21:57	556.3658	556.3658	4312.45	
438	04/24/2004 12:22:27	556.3741	556.3741	4312.51	
440	04/24/2004 12:22:57	556.3825	556.3825	4312.59	
442	04/24/2004 12:23:27	556.3908	556.3908	4312.61	
444	04/24/2004 12:23:57	556.3991	556.3991	4312.83	
446	04/24/2004 12:24:27	556.4075	556.4075	4312.87	
448	04/24/2004 12:24:57	556.4158	556.4158	4312.81	
450	04/24/2004 12:25:27	556.4241	556.4241	4312.82	
452	04/24/2004 12:25:57	556.4325	556.4325	4312.76	
454	04/24/2004 12:26:27	556.4408	556.4408	4312.87	
456	04/24/2004 12:26:57	556.4491	556.4491	4312.87	
458	04/24/2004 12:27:27	556.4575	556.4575	4312.87	
460	04/24/2004 12:27:57	556.4658	556.4658	4312.93	
462	04/24/2004 12:28:27	556.4741	556.4741	4312.96	
464	04/24/2004 12:28:57	556.4825	556.4825	4313.01	
466	04/24/2004 12:29:27	556.4908	556.4908		

Item	Date/Clock Time	Time	Cum. Time	Sandface Pressure @ Perf Midpoint 9347' psi(a)	Water Rate
	MM/DD/YYYY	hr	hr		bbl/d
468	04/24/2004 12:29:57	556.4991	556.4991	4312.92	
470	04/24/2004 12:30:27	556.5075	556.5075	4313.10	
472	04/24/2004 12:30:57	556.5158	556.5158	4313.13	
474	04/24/2004 12:31:27	556.5241	556.5241	4313.28	
476	04/24/2004 12:31:57	556.5325	556.5325	4313.17	
478	04/24/2004 12:32:27	556.5408	556.5408	4313.19	
480	04/24/2004 12:32:57	556.5491	556.5491	4313.20	
482	04/24/2004 12:33:27	556.5575	556.5575	4313.22	
484	04/24/2004 12:33:57	556.5658	556.5658	4313.25	
486	04/24/2004 12:34:27	556.5741	556.5741	4313.29	
488	04/24/2004 12:34:57	556.5825	556.5825	4313.25	
490	04/24/2004 12:35:27	556.5908	556.5908	4313.39	
492	04/24/2004 12:35:57	556.5991	556.5991	4313.40	
494	04/24/2004 12:36:27	556.6075	556.6075	4313.38	
496	04/24/2004 12:36:57	556.6158	556.6158	4313.45	
498	04/24/2004 12:37:27	556.6241	556.6241	4313.58	
500	04/24/2004 13:08:12	557.1366	557.1366	4315.63	
502	04/24/2004 13:48:57	557.8158	557.8158	4317.65	
504	04/24/2004 14:29:27	558.4908	558.4908	4319.66	
506	04/24/2004 15:04:12	559.0700	559.0700	4321.69	
508	04/24/2004 15:38:12	559.6366	559.6366	4323.70	
510	04/24/2004 16:15:42	560.2616	560.2616	4325.78	
512	04/24/2004 17:17:42	561.2950	561.2950	4327.82	
514	04/24/2004 18:04:42	562.0783	562.0783	4329.82	
516	04/24/2004 19:07:42	563.1283	563.1283	4331.83	
518	04/24/2004 20:04:27	564.0741	564.0741	4333.84	
520	04/24/2004 20:57:12	564.9533	564.9533	4335.84	
522	04/24/2004 21:48:42	565.8116	565.8116	4337.85	
524	04/24/2004 22:50:57	566.8491	566.8491	4339.85	
526	04/25/2004 00:04:42	568.0783	568.0783	4341.85	
528	04/25/2004 01:15:12	569.2533	569.2533	4343.88	
530	04/25/2004 02:47:12	570.7866	570.7866	4345.89	
532	04/25/2004 04:03:42	572.0616	572.0616	4347.89	
534	04/25/2004 05:15:42	573.2616	573.2616	4349.89	
536	04/25/2004 06:13:57	574.2325	574.2325	4351.90	
537	04/25/2004 07:01:57	575.0325	575.0325	4352.96	
538	04/25/2004 07:02:12	575.0366	575.0366	4352.94	0.000
540	04/25/2004 07:02:42	575.0450	575.0450	4341.66	
542	04/25/2004 07:03:12	575.0533	575.0533	4334.79	
544	04/25/2004 07:03:42	575.0616	575.0616	4331.76	
546	04/25/2004 07:04:12	575.0700	575.0700	4329.33	
548	04/25/2004 07:04:42	575.0783	575.0783	4327.20	
550	04/25/2004 07:05:12	575.0866	575.0866	4325.29	
552	04/25/2004 07:05:42	575.0950	575.0950	4323.47	
554	04/25/2004 07:06:12	575.1033	575.1033	4321.83	
556	04/25/2004 07:06:42	575.1116	575.1116	4320.24	
558	04/25/2004 07:07:12	575.1200	575.1200	4318.74	
560	04/25/2004 07:07:42	575.1283	575.1283	4317.29	
562	04/25/2004 07:08:12	575.1366	575.1366	4315.89	
564	04/25/2004 07:08:42	575.1450	575.1450	4314.53	

Suckla Farms Injection Well #1
 EPA Region VIII Permit #CO10938-02115
 Pressure Falloff Test 4/23/04-4/30/04

Item	Date/Clock Time	Time	Cum. Time	Sandface Pressure @ Perf Midpoint 9347' psi(a)	Water Rate bbl/d
	MM/DD/YYYY	hr	hr		
566	04/25/2004 07:09:12	575.1533	575.1533	4313.24	
568	04/25/2004 07:09:42	575.1616	575.1616	4312.00	
570	04/25/2004 07:10:12	575.1700	575.1700	4310.76	
572	04/25/2004 07:10:42	575.1783	575.1783	4309.60	
574	04/25/2004 07:11:12	575.1866	575.1866	4308.46	
576	04/25/2004 07:11:42	575.1950	575.1950	4307.35	
578	04/25/2004 07:12:12	575.2033	575.2033	4306.24	
580	04/25/2004 07:12:42	575.2116	575.2116	4305.18	
582	04/25/2004 07:13:12	575.2200	575.2200	4304.13	
584	04/25/2004 07:13:42	575.2283	575.2283	4303.12	
586	04/25/2004 07:14:12	575.2366	575.2366	4302.11	
588	04/25/2004 07:14:42	575.2450	575.2450	4301.11	
590	04/25/2004 07:15:12	575.2533	575.2533	4300.14	
592	04/25/2004 07:16:12	575.2700	575.2700	4298.22	
594	04/25/2004 07:16:42	575.2783	575.2783	4297.26	
596	04/25/2004 07:17:12	575.2866	575.2866	4296.36	
598	04/25/2004 07:17:42	575.2950	575.2950	4295.45	
600	04/25/2004 07:18:12	575.3033	575.3033	4294.56	
602	04/25/2004 07:18:42	575.3116	575.3116	4293.69	
604	04/25/2004 07:19:12	575.3200	575.3200	4292.82	
606	04/25/2004 07:19:42	575.3283	575.3283	4292.02	
608	04/25/2004 07:20:12	575.3366	575.3366	4291.19	
610	04/25/2004 07:20:42	575.3450	575.3450	4290.38	
612	04/25/2004 07:21:12	575.3533	575.3533	4289.61	
614	04/25/2004 07:21:42	575.3616	575.3616	4288.84	
616	04/25/2004 07:22:12	575.3700	575.3700	4288.10	
618	04/25/2004 07:22:42	575.3783	575.3783	4287.37	
620	04/25/2004 07:23:12	575.3866	575.3866	4286.65	
622	04/25/2004 07:23:42	575.3950	575.3950	4285.97	
624	04/25/2004 07:24:12	575.4033	575.4033	4285.27	
626	04/25/2004 07:24:42	575.4116	575.4116	4284.61	
628	04/25/2004 07:25:12	575.4200	575.4200	4283.95	
630	04/25/2004 07:25:42	575.4283	575.4283	4283.32	
632	04/25/2004 07:26:12	575.4366	575.4366	4282.69	
634	04/25/2004 07:26:42	575.4450	575.4450	4282.09	
636	04/25/2004 07:27:12	575.4533	575.4533	4281.47	
638	04/25/2004 07:27:42	575.4616	575.4616	4280.90	
640	04/25/2004 07:28:12	575.4700	575.4700	4280.32	
642	04/25/2004 07:28:42	575.4783	575.4783	4279.77	
644	04/25/2004 07:29:12	575.4866	575.4866	4279.20	
646	04/25/2004 07:29:42	575.4950	575.4950	4278.68	
648	04/25/2004 07:30:12	575.5033	575.5033	4278.14	
650	04/25/2004 07:30:42	575.5116	575.5116	4277.63	
652	04/25/2004 07:31:12	575.5200	575.5200	4277.11	
654	04/25/2004 07:31:42	575.5283	575.5283	4276.62	
656	04/25/2004 07:32:12	575.5366	575.5366	4276.13	
658	04/25/2004 07:32:42	575.5450	575.5450	4275.66	
660	04/25/2004 07:33:12	575.5533	575.5533	4275.19	
662	04/25/2004 07:33:42	575.5616	575.5616	4274.74	
664	04/25/2004 07:34:12	575.5700	575.5700	4274.30	

Suckla Farms Injection Well #1
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Item	Date/Clock Time MM/DD/YYYY	Time hr	Cum. Time hr	Sandface Pressure @ Perf Midpoint 9347' psi(a)	Water Rate bbl/d
666	04/25/2004 07:34:42	575.5783	575.5783	4273.87	
668	04/25/2004 07:35:12	575.5866	575.5866	4273.42	
670	04/25/2004 07:35:42	575.5950	575.5950	4272.99	
672	04/25/2004 07:36:12	575.6033	575.6033	4272.58	
674	04/25/2004 07:36:42	575.6116	575.6116	4272.16	
676	04/25/2004 07:37:12	575.6200	575.6200	4271.76	
678	04/25/2004 07:37:42	575.6283	575.6283	4271.36	
680	04/25/2004 07:38:12	575.6366	575.6366	4270.97	
682	04/25/2004 07:38:42	575.6450	575.6450	4270.60	
684	04/25/2004 07:39:12	575.6533	575.6533	4270.22	
686	04/25/2004 07:39:42	575.6616	575.6616	4269.85	
688	04/25/2004 07:40:12	575.6700	575.6700	4269.49	
690	04/25/2004 07:40:42	575.6783	575.6783	4269.15	
692	04/25/2004 07:41:12	575.6866	575.6866	4268.78	
694	04/25/2004 07:41:42	575.6950	575.6950	4268.44	
696	04/25/2004 07:42:12	575.7033	575.7033	4268.08	
698	04/25/2004 07:42:42	575.7116	575.7116	4267.76	
700	04/25/2004 07:43:12	575.7200	575.7200	4267.42	
702	04/25/2004 07:43:42	575.7283	575.7283	4267.09	
704	04/25/2004 07:44:12	575.7366	575.7366	4266.78	
706	04/25/2004 07:44:42	575.7450	575.7450	4266.45	
708	04/25/2004 07:45:12	575.7533	575.7533	4266.14	
710	04/25/2004 07:45:42	575.7616	575.7616	4265.82	
712	04/25/2004 07:46:12	575.7700	575.7700	4265.52	
714	04/25/2004 07:46:42	575.7783	575.7783	4265.21	
716	04/25/2004 07:47:12	575.7866	575.7866	4264.91	
718	04/25/2004 07:47:42	575.7950	575.7950	4264.62	
720	04/25/2004 07:48:12	575.8033	575.8033	4264.32	
722	04/25/2004 07:48:42	575.8116	575.8116	4264.03	
724	04/25/2004 07:49:12	575.8200	575.8200	4263.73	
726	04/25/2004 07:49:42	575.8283	575.8283	4263.47	
728	04/25/2004 07:50:12	575.8366	575.8366	4263.18	
730	04/25/2004 07:50:42	575.8450	575.8450	4262.90	
732	04/25/2004 07:51:12	575.8533	575.8533	4262.63	
734	04/25/2004 07:51:42	575.8616	575.8616	4262.36	
736	04/25/2004 07:52:12	575.8700	575.8700	4262.08	
738	04/25/2004 07:52:42	575.8783	575.8783	4261.82	
740	04/25/2004 07:53:12	575.8866	575.8866	4261.55	
742	04/25/2004 07:53:42	575.8950	575.8950	4261.28	
744	04/25/2004 07:54:12	575.9033	575.9033	4261.02	
746	04/25/2004 07:54:42	575.9116	575.9116	4260.76	
748	04/25/2004 07:55:12	575.9200	575.9200	4260.51	
750	04/25/2004 07:55:42	575.9283	575.9283	4260.24	
752	04/25/2004 07:56:12	575.9366	575.9366	4259.99	
754	04/25/2004 07:56:42	575.9450	575.9450	4259.73	
756	04/25/2004 07:57:12	575.9533	575.9533	4259.48	
758	04/25/2004 07:57:42	575.9616	575.9616	4259.24	
760	04/25/2004 07:58:12	575.9700	575.9700	4258.99	
762	04/25/2004 07:58:42	575.9783	575.9783	4258.74	
764	04/25/2004 07:59:12	575.9866	575.9866	4258.49	

Item	Date/Clock Time	Time	Cum. Time	Sandface Pressure @ Perf Midpoint 9347' psi(a)	Water Rate
	MM/DD/YYYY	hr	hr		bbl/d
766	04/25/2004 07:59:42	575.9950	575.9950	4258.24	
768	04/25/2004 08:00:12	576.0033	576.0033	4258.00	
770	04/25/2004 08:00:42	576.0116	576.0116	4257.76	
772	04/25/2004 08:01:12	576.0200	576.0200	4257.51	
774	04/25/2004 08:01:42	576.0283	576.0283	4257.28	
776	04/25/2004 08:02:12	576.0366	576.0366	4257.03	
778	04/25/2004 08:02:42	576.0450	576.0450	4256.80	
780	04/25/2004 08:03:12	576.0533	576.0533	4256.57	
782	04/25/2004 08:03:42	576.0616	576.0616	4256.31	
784	04/25/2004 08:04:12	576.0700	576.0700	4256.08	
786	04/25/2004 08:04:42	576.0783	576.0783	4255.85	
788	04/25/2004 08:05:12	576.0866	576.0866	4255.62	
790	04/25/2004 08:05:42	576.0950	576.0950	4255.39	
792	04/25/2004 08:06:12	576.1033	576.1033	4255.16	
794	04/25/2004 08:06:42	576.1116	576.1116	4254.92	
796	04/25/2004 08:07:12	576.1200	576.1200	4254.70	
798	04/25/2004 08:07:42	576.1283	576.1283	4254.47	
800	04/25/2004 08:08:12	576.1366	576.1366	4254.25	
802	04/25/2004 08:08:42	576.1450	576.1450	4254.02	
804	04/25/2004 08:09:12	576.1533	576.1533	4253.80	
806	04/25/2004 08:09:42	576.1616	576.1616	4253.57	
808	04/25/2004 08:10:12	576.1700	576.1700	4253.34	
810	04/25/2004 08:10:42	576.1783	576.1783	4253.13	
812	04/25/2004 08:11:12	576.1866	576.1866	4252.91	
814	04/25/2004 08:11:42	576.1950	576.1950	4252.69	
816	04/25/2004 08:12:12	576.2033	576.2033	4252.47	
818	04/25/2004 08:12:42	576.2116	576.2116	4252.25	
820	04/25/2004 08:13:12	576.2200	576.2200	4252.04	
822	04/25/2004 08:13:42	576.2283	576.2283	4251.82	
824	04/25/2004 08:14:12	576.2366	576.2366	4251.61	
826	04/25/2004 08:14:42	576.2450	576.2450	4251.40	
828	04/25/2004 08:15:12	576.2533	576.2533	4251.19	
830	04/25/2004 08:15:42	576.2616	576.2616	4250.98	
832	04/25/2004 08:16:12	576.2700	576.2700	4250.77	
834	04/25/2004 08:16:42	576.2783	576.2783	4250.55	
836	04/25/2004 08:17:12	576.2866	576.2866	4250.35	
838	04/25/2004 08:17:42	576.2950	576.2950	4250.14	
840	04/25/2004 08:18:12	576.3033	576.3033	4249.93	
842	04/25/2004 08:18:42	576.3116	576.3116	4249.73	
844	04/25/2004 08:19:12	576.3200	576.3200	4249.52	
846	04/25/2004 08:19:42	576.3283	576.3283	4249.33	
848	04/25/2004 08:20:12	576.3366	576.3366	4249.12	
850	04/25/2004 08:20:42	576.3450	576.3450	4248.92	
852	04/25/2004 08:21:12	576.3533	576.3533	4248.72	
854	04/25/2004 08:21:42	576.3616	576.3616	4248.53	
856	04/25/2004 08:22:12	576.3700	576.3700	4248.32	
858	04/25/2004 08:22:42	576.3783	576.3783	4248.11	
860	04/25/2004 08:23:12	576.3866	576.3866	4247.92	
862	04/25/2004 08:23:42	576.3950	576.3950	4247.72	
864	04/25/2004 08:24:12	576.4033	576.4033	4247.52	

Item	Date/Clock Time	Time	Cum. Time	Sandface Pressure @ Perf Midpoint 9347' psi(a)	Water Rate bbl/d
	MM/DD/YYYY	hr	hr		
866	04/25/2004 08:24:42	576.4116	576.4116	4247.32	
868	04/25/2004 08:25:12	576.4200	576.4200	4247.14	
870	04/25/2004 08:25:42	576.4283	576.4283	4246.94	
872	04/25/2004 08:26:12	576.4366	576.4366	4246.75	
874	04/25/2004 08:26:42	576.4450	576.4450	4246.56	
876	04/25/2004 08:27:12	576.4533	576.4533	4246.37	
878	04/25/2004 08:27:42	576.4616	576.4616	4246.18	
880	04/25/2004 08:28:12	576.4700	576.4700	4245.99	
882	04/25/2004 08:28:42	576.4783	576.4783	4245.80	
884	04/25/2004 08:29:12	576.4866	576.4866	4245.61	
886	04/25/2004 08:29:42	576.4950	576.4950	4245.43	
888	04/25/2004 08:30:12	576.5033	576.5033	4245.25	
890	04/25/2004 08:30:42	576.5116	576.5116	4245.06	
892	04/25/2004 08:31:12	576.5200	576.5200	4244.87	
894	04/25/2004 08:31:42	576.5283	576.5283	4244.69	
896	04/25/2004 08:32:12	576.5366	576.5366	4244.51	
898	04/25/2004 08:32:42	576.5450	576.5450	4244.32	
900	04/25/2004 08:33:12	576.5533	576.5533	4244.15	
902	04/25/2004 08:33:42	576.5616	576.5616	4243.97	
904	04/25/2004 08:34:12	576.5700	576.5700	4243.78	
906	04/25/2004 08:34:42	576.5783	576.5783	4243.61	
908	04/25/2004 08:35:12	576.5866	576.5866	4243.43	
910	04/25/2004 08:35:42	576.5950	576.5950	4243.25	
912	04/25/2004 08:36:12	576.6033	576.6033	4243.07	
914	04/25/2004 08:36:42	576.6116	576.6116	4242.89	
916	04/25/2004 08:37:12	576.6200	576.6200	4242.72	
918	04/25/2004 08:37:42	576.6283	576.6283	4242.54	
920	04/25/2004 08:38:12	576.6366	576.6366	4242.37	
922	04/25/2004 08:38:42	576.6450	576.6450	4242.20	
924	04/25/2004 08:39:12	576.6533	576.6533	4242.03	
926	04/25/2004 08:39:42	576.6616	576.6616	4241.85	
928	04/25/2004 08:40:12	576.6700	576.6700	4241.68	
930	04/25/2004 08:40:42	576.6783	576.6783	4241.52	
932	04/25/2004 08:41:12	576.6866	576.6866	4241.34	
934	04/25/2004 08:41:42	576.6950	576.6950	4241.17	
936	04/25/2004 08:42:12	576.7033	576.7033	4241.01	
938	04/25/2004 08:42:42	576.7116	576.7116	4240.85	
940	04/25/2004 08:43:12	576.7200	576.7200	4240.68	
942	04/25/2004 08:43:42	576.7283	576.7283	4240.51	
944	04/25/2004 08:44:12	576.7366	576.7366	4240.35	
946	04/25/2004 08:44:42	576.7450	576.7450	4240.18	
948	04/25/2004 08:45:12	576.7533	576.7533	4240.01	
950	04/25/2004 08:45:42	576.7616	576.7616	4239.85	
952	04/25/2004 08:47:42	576.7950	576.7950	4239.19	
954	04/25/2004 08:51:12	576.8533	576.8533	4238.07	
956	04/25/2004 08:54:42	576.9116	576.9116	4236.98	
958	04/25/2004 08:58:12	576.9700	576.9700	4235.91	
960	04/25/2004 09:01:42	577.0283	577.0283	4234.85	
962	04/25/2004 09:05:12	577.0866	577.0866	4233.82	
964	04/25/2004 09:08:42	577.1450	577.1450	4232.80	

Item	Date/Clock Time	Time	Cum. Time	Sandface Pressure @ Perf Midpoint 9347' psi(a)	Water Rate bbl/d
	MM/DD/YYYY	hr	hr		
966	04/25/2004 09:12:12	577.2033	577.2033	4231.79	
968	04/25/2004 09:15:57	577.2658	577.2658	4230.72	
970	04/25/2004 09:19:57	577.3325	577.3325	4229.60	
972	04/25/2004 09:23:57	577.3991	577.3991	4228.50	
974	04/25/2004 09:27:57	577.4658	577.4658	4227.41	
976	04/25/2004 09:31:57	577.5325	577.5325	4226.33	
978	04/25/2004 09:35:57	577.5991	577.5991	4225.27	
980	04/25/2004 09:39:57	577.6658	577.6658	4224.20	
982	04/25/2004 09:43:57	577.7325	577.7325	4223.15	
984	04/25/2004 09:47:57	577.7991	577.7991	4222.10	
986	04/25/2004 09:51:57	577.8658	577.8658	4221.04	
988	04/25/2004 09:55:57	577.9325	577.9325	4219.98	
990	04/25/2004 09:59:57	577.9991	577.9991	4218.91	
992	04/25/2004 10:03:57	578.0658	578.0658	4217.84	
994	04/25/2004 10:07:57	578.1325	578.1325	4216.78	
996	04/25/2004 10:11:57	578.1991	578.1991	4215.73	
998	04/25/2004 10:15:57	578.2658	578.2658	4214.68	
1000	04/25/2004 10:19:57	578.3325	578.3325	4213.66	
1002	04/25/2004 10:23:57	578.3991	578.3991	4212.63	
1004	04/25/2004 10:27:57	578.4658	578.4658	4211.61	
1006	04/25/2004 10:31:57	578.5325	578.5325	4210.60	
1008	04/25/2004 10:35:57	578.5991	578.5991	4209.60	
1010	04/25/2004 10:39:57	578.6658	578.6658	4208.60	
1012	04/25/2004 10:44:27	578.7408	578.7408	4207.50	
1014	04/25/2004 10:48:57	578.8158	578.8158	4206.40	
1016	04/25/2004 10:53:27	578.8908	578.8908	4205.32	
1018	04/25/2004 10:57:57	578.9658	578.9658	4204.26	
1020	04/25/2004 11:02:27	579.0408	579.0408	4203.21	
1022	04/25/2004 11:06:57	579.1158	579.1158	4202.17	
1024	04/25/2004 11:11:27	579.1908	579.1908	4201.15	
1026	04/25/2004 11:15:57	579.2658	579.2658	4200.14	
1028	04/25/2004 11:20:42	579.3450	579.3450	4199.10	
1030	04/25/2004 11:25:27	579.4241	579.4241	4198.06	
1032	04/25/2004 11:30:27	579.5075	579.5075	4197.00	
1034	04/25/2004 11:35:27	579.5908	579.5908	4195.95	
1036	04/25/2004 11:40:27	579.6741	579.6741	4194.92	
1038	04/25/2004 11:45:27	579.7575	579.7575	4193.91	
1040	04/25/2004 11:50:27	579.8408	579.8408	4192.91	
1042	04/25/2004 11:55:57	579.9325	579.9325	4191.83	
1044	04/25/2004 12:01:27	580.0241	580.0241	4190.77	
1046	04/25/2004 12:06:57	580.1158	580.1158	4189.74	
1048	04/25/2004 12:12:27	580.2075	580.2075	4188.71	
1050	04/25/2004 12:17:57	580.2991	580.2991	4187.70	
1052	04/25/2004 12:23:57	580.3991	580.3991	4186.62	
1054	04/25/2004 12:29:57	580.4991	580.4991	4185.56	
1056	04/25/2004 12:35:57	580.5991	580.5991	4184.50	
1058	04/25/2004 12:41:57	580.6991	580.6991	4183.45	
1060	04/25/2004 12:47:57	580.7991	580.7991	4182.42	
1062	04/25/2004 12:53:57	580.8991	580.8991	4181.40	
1064	04/25/2004 12:59:57	580.9991	580.9991	4180.39	

Suckla Farms Injection Well #1
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 Pressure Falloff Test 4/23/04-4/30/04

Item	Date/Clock Time MM/DD/YYYY	Time hr	Cum. Time hr	Sandface Pressure @ Perf Midpoint 9347' psi(a)	Water Rate bbl/d
1066	04/25/2004 13:05:57	581.0991	581.0991	4179.39	
1068	04/25/2004 13:12:12	581.2033	581.2033	4178.36	
1070	04/25/2004 13:18:42	581.3116	581.3116	4177.30	
1072	04/25/2004 13:25:12	581.4200	581.4200	4176.25	
1074	04/25/2004 13:31:42	581.5283	581.5283	4175.22	
1076	04/25/2004 13:38:12	581.6366	581.6366	4174.18	
1078	04/25/2004 13:44:42	581.7450	581.7450	4173.18	
1080	04/25/2004 13:51:12	581.8533	581.8533	4172.16	
1082	04/25/2004 13:57:42	581.9616	581.9616	4171.15	
1084	04/25/2004 14:04:12	582.0700	582.0700	4170.15	
1086	04/25/2004 14:10:57	582.1825	582.1825	4169.12	
1088	04/25/2004 14:17:57	582.2991	582.2991	4168.07	
1090	04/25/2004 14:24:42	582.4116	582.4116	4167.05	
1092	04/25/2004 14:31:42	582.5283	582.5283	4166.01	
1094	04/25/2004 14:38:42	582.6450	582.6450	4164.97	
1096	04/25/2004 14:45:42	582.7616	582.7616	4163.95	
1098	04/25/2004 14:52:42	582.8783	582.8783	4162.93	
1100	04/25/2004 14:59:42	582.9950	582.9950	4161.93	
1102	04/25/2004 15:06:42	583.1116	583.1116	4160.92	
1104	04/25/2004 15:13:57	583.2325	583.2325	4159.89	
1106	04/25/2004 15:21:27	583.3575	583.3575	4158.85	
1108	04/25/2004 15:28:57	583.4825	583.4825	4157.82	
1110	04/25/2004 15:36:27	583.6075	583.6075	4156.80	
1112	04/25/2004 15:43:57	583.7325	583.7325	4155.79	
1114	04/25/2004 15:51:27	583.8575	583.8575	4154.79	
1116	04/25/2004 15:59:12	583.9866	583.9866	4153.77	
1118	04/25/2004 16:07:12	584.1200	584.1200	4152.72	
1120	04/25/2004 16:15:12	584.2533	584.2533	4151.69	
1122	04/25/2004 16:23:12	584.3866	584.3866	4150.67	
1124	04/25/2004 16:31:12	584.5200	584.5200	4149.67	
1126	04/25/2004 16:39:42	584.6616	584.6616	4148.63	
1128	04/25/2004 16:48:12	584.8033	584.8033	4147.58	
1130	04/25/2004 16:56:42	584.9450	584.9450	4146.55	
1132	04/25/2004 17:05:12	585.0866	585.0866	4145.53	
1134	04/25/2004 17:13:42	585.2283	585.2283	4144.52	
1136	04/25/2004 17:22:27	585.3741	585.3741	4143.50	
1138	04/25/2004 17:31:12	585.5200	585.5200	4142.50	
1140	04/25/2004 17:40:12	585.6700	585.6700	4141.47	
1142	04/25/2004 17:49:12	585.8200	585.8200	4140.47	
1144	04/25/2004 17:58:12	585.9700	585.9700	4139.47	
1146	04/25/2004 18:07:42	586.1283	586.1283	4138.44	
1148	04/25/2004 18:17:12	586.2866	586.2866	4137.41	
1150	04/25/2004 18:26:42	586.4450	586.4450	4136.41	
1152	04/25/2004 18:36:12	586.6033	586.6033	4135.41	
1154	04/25/2004 18:46:12	586.7700	586.7700	4134.38	
1156	04/25/2004 18:56:12	586.9366	586.9366	4133.36	
1158	04/25/2004 19:06:27	587.1075	587.1075	4132.34	
1160	04/25/2004 19:16:42	587.2783	587.2783	4131.32	
1162	04/25/2004 19:27:12	587.4533	587.4533	4130.30	
1164	04/25/2004 19:37:42	587.6283	587.6283	4129.29	

Suckla Farms Injection Well #1
 EPA Region VIII Permit #CO10938-02115
 Pressure Falloff Test 4/23/04-4/30/04

Item	Date/Clock Time	Time	Cum. Time	Sandface Pressure @ Perf Midpoint 9347' psi(a)	Water Rate bbl/d
	MM/DD/YYYY	hr	hr		
1166	04/25/2004 19:48:12	587.8033	587.8033	4128.29	
1168	04/25/2004 19:58:57	587.9825	587.9825	4127.28	
1170	04/25/2004 20:09:57	588.1658	588.1658	4126.27	
1172	04/25/2004 20:20:57	588.3491	588.3491	4125.26	
1174	04/25/2004 20:32:27	588.5408	588.5408	4124.24	
1176	04/25/2004 20:43:42	588.7283	588.7283	4123.23	
1178	04/25/2004 20:55:12	588.9200	588.9200	4122.23	
1180	04/25/2004 21:06:57	589.1158	589.1158	4121.21	
1182	04/25/2004 21:18:57	589.3158	589.3158	4120.19	
1184	04/25/2004 21:30:57	589.5158	589.5158	4119.18	
1186	04/25/2004 21:43:12	589.7200	589.7200	4118.17	
1188	04/25/2004 21:55:42	589.9283	589.9283	4117.16	
1190	04/25/2004 22:08:12	590.1366	590.1366	4116.15	
1192	04/25/2004 22:21:12	590.3533	590.3533	4115.14	
1194	04/25/2004 22:33:57	590.5658	590.5658	4114.14	
1196	04/25/2004 22:46:57	590.7825	590.7825	4113.13	
1198	04/25/2004 23:00:12	591.0033	591.0033	4112.12	
1200	04/25/2004 23:13:42	591.2283	591.2283	4111.11	
1202	04/25/2004 23:27:12	591.4533	591.4533	4110.10	
1204	04/25/2004 23:40:57	591.6825	591.6825	4109.10	
1206	04/25/2004 23:54:57	591.9158	591.9158	4108.09	
1208	04/26/2004 00:08:57	592.1491	592.1491	4107.09	
1210	04/26/2004 00:23:27	592.3908	592.3908	4106.08	
1212	04/26/2004 00:37:42	592.6283	592.6283	4105.08	
1214	04/26/2004 00:52:12	592.8700	592.8700	4104.08	
1216	04/26/2004 01:07:42	593.1283	593.1283	4103.07	
1218	04/26/2004 01:22:12	593.3700	593.3700	4102.06	
1220	04/26/2004 01:37:12	593.6200	593.6200	4101.06	
1222	04/26/2004 01:52:27	593.8741	593.8741	4100.06	
1224	04/26/2004 02:07:57	594.1325	594.1325	4099.06	
1226	04/26/2004 02:23:27	594.3908	594.3908	4098.06	
1228	04/26/2004 02:39:27	594.6575	594.6575	4097.06	
1230	04/26/2004 02:55:42	594.9283	594.9283	4096.05	
1232	04/26/2004 03:12:12	595.2033	595.2033	4095.04	
1234	04/26/2004 03:28:42	595.4783	595.4783	4094.04	
1236	04/26/2004 03:45:42	595.7616	595.7616	4093.02	
1238	04/26/2004 04:02:42	596.0450	596.0450	4092.02	
1240	04/26/2004 04:19:42	596.3283	596.3283	4091.02	
1242	04/26/2004 04:37:12	596.6200	596.6200	4090.02	
1244	04/26/2004 04:54:42	596.9116	596.9116	4089.02	
1246	04/26/2004 05:12:42	597.2116	597.2116	4088.01	
1248	04/26/2004 05:30:57	597.5158	597.5158	4087.00	
1250	04/26/2004 05:49:42	597.8283	597.8283	4085.99	
1252	04/26/2004 06:08:12	598.1366	598.1366	4084.99	
1254	04/26/2004 06:27:12	598.4533	598.4533	4083.98	
1256	04/26/2004 06:46:42	598.7783	598.7783	4082.97	
1258	04/26/2004 07:05:57	599.0991	599.0991	4081.97	
1260	04/26/2004 07:25:27	599.4241	599.4241	4080.97	
1262	04/26/2004 07:45:42	599.7616	599.7616	4079.96	
1264	04/26/2004 08:05:57	600.0991	600.0991	4078.96	

Item	Date/Clock Time	Time	Cum. Time	Sandface Pressure @ Perf Midpoint 9347' psi(a)	Water Rate bbl/d
	MM/DD/YYYY	hr	hr		
1266	04/26/2004 08:26:27	600.4408	600.4408	4077.96	
1268	04/26/2004 08:47:27	600.7908	600.7908	4076.96	
1270	04/26/2004 09:08:42	601.1450	601.1450	4075.94	
1272	04/26/2004 09:30:12	601.5033	601.5033	4074.94	
1274	04/26/2004 09:51:42	601.8616	601.8616	4073.93	
1276	04/26/2004 10:13:57	602.2325	602.2325	4072.93	
1278	04/26/2004 10:36:12	602.6033	602.6033	4071.93	
1280	04/26/2004 10:58:57	602.9825	602.9825	4070.93	
1282	04/26/2004 11:24:42	603.4116	603.4116	4069.90	
1284	04/26/2004 11:51:42	603.8616	603.8616	4068.85	
1286	04/26/2004 12:16:42	604.2783	604.2783	4067.81	
1288	04/26/2004 12:41:42	604.6950	604.6950	4066.78	
1290	04/26/2004 13:07:42	605.1283	605.1283	4065.74	
1292	04/26/2004 13:34:42	605.5783	605.5783	4064.72	
1294	04/26/2004 14:02:42	606.0450	606.0450	4063.71	
1296	04/26/2004 14:32:42	606.5450	606.5450	4062.68	
1298	04/26/2004 14:57:42	606.9616	606.9616	4061.64	
1300	04/26/2004 15:19:42	607.3283	607.3283	4060.64	
1302	04/26/2004 15:46:42	607.7783	607.7783	4059.60	
1304	04/26/2004 16:33:42	608.5616	608.5616	4058.59	
1306	04/26/2004 17:02:42	609.0450	609.0450	4057.58	
1308	04/26/2004 17:22:42	609.3783	609.3783	4056.50	
1310	04/26/2004 17:47:42	609.7950	609.7950	4055.47	
1312	04/26/2004 18:15:42	610.2616	610.2616	4054.43	
1314	04/26/2004 18:44:42	610.7450	610.7450	4053.39	
1316	04/26/2004 19:13:42	611.2283	611.2283	4052.36	
1318	04/26/2004 19:43:42	611.7283	611.7283	4051.34	
1320	04/26/2004 20:13:42	612.2283	612.2283	4050.31	
1322	04/26/2004 20:45:42	612.7616	612.7616	4049.27	
1324	04/26/2004 21:16:42	613.2783	613.2783	4048.25	
1326	04/26/2004 21:48:42	613.8116	613.8116	4047.22	
1328	04/26/2004 22:20:42	614.3450	614.3450	4046.18	
1330	04/26/2004 22:52:42	614.8783	614.8783	4045.15	
1332	04/26/2004 23:24:42	615.4116	615.4116	4044.12	
1334	04/26/2004 23:57:42	615.9616	615.9616	4043.10	
1336	04/27/2004 00:31:42	616.5283	616.5283	4042.08	
1338	04/27/2004 01:05:42	617.0950	617.0950	4041.05	
1340	04/27/2004 01:39:42	617.6616	617.6616	4040.03	
1342	04/27/2004 02:13:42	618.2283	618.2283	4039.03	
1344	04/27/2004 02:48:42	618.8116	618.8116	4038.01	
1346	04/27/2004 03:25:42	619.4283	619.4283	4036.97	
1348	04/27/2004 04:00:42	620.0116	620.0116	4035.95	
1350	04/27/2004 04:37:42	620.6283	620.6283	4034.93	
1352	04/27/2004 05:14:42	621.2450	621.2450	4033.90	
1354	04/27/2004 05:51:42	621.8616	621.8616	4032.88	
1356	04/27/2004 06:28:42	622.4783	622.4783	4031.86	
1358	04/27/2004 07:06:42	623.1116	623.1116	4030.83	
1360	04/27/2004 07:44:42	623.7450	623.7450	4029.82	
1362	04/27/2004 08:23:42	624.3950	624.3950	4028.79	
1364	04/27/2004 09:02:42	625.0450	625.0450	4027.79	

Suckla Farms Injection Well #1
 EPA Region VIII Permit #CO10938-02115
 Pressure Falloff Test 4/23/04-4/30/04

Item	Date/Clock Time	Time	Cum. Time	Sandface Pressure @ Perf Midpoint 9347' psi(a)	Water Rate bbl/d
	MM/DD/YYYY	hr	hr		
1366	04/27/2004 09:41:42	625.6950	625.6950	4026.79	
1368	04/27/2004 10:22:42	626.3783	626.3783	4025.77	
1370	04/27/2004 11:04:42	627.0783	627.0783	4024.73	
1372	04/27/2004 11:46:42	627.7783	627.7783	4023.72	
1374	04/27/2004 12:28:42	628.4783	628.4783	4022.72	
1376	04/27/2004 13:11:42	629.1950	629.1950	4021.70	
1378	04/27/2004 13:55:42	629.9283	629.9283	4020.68	
1380	04/27/2004 14:38:42	630.6450	630.6450	4019.68	
1382	04/27/2004 15:22:42	631.3783	631.3783	4018.67	
1384	04/27/2004 16:08:42	632.1450	632.1450	4017.64	
1386	04/27/2004 16:53:42	632.8950	632.8950	4016.63	
1388	04/27/2004 17:38:42	633.6450	633.6450	4015.62	
1390	04/27/2004 18:24:42	634.4116	634.4116	4014.62	
1392	04/27/2004 19:11:42	635.1950	635.1950	4013.60	
1394	04/27/2004 19:59:42	635.9950	635.9950	4012.58	
1396	04/27/2004 20:48:42	636.8116	636.8116	4011.56	
1398	04/27/2004 21:38:42	637.6450	637.6450	4010.55	
1400	04/27/2004 22:29:42	638.4950	638.4950	4009.54	
1402	04/27/2004 23:21:42	639.3616	639.3616	4008.53	
1404	04/28/2004 00:14:42	640.2450	640.2450	4007.52	
1406	04/28/2004 01:07:42	641.1283	641.1283	4006.51	
1408	04/28/2004 02:01:42	642.0283	642.0283	4005.50	
1410	04/28/2004 02:56:42	642.9450	642.9450	4004.49	
1412	04/28/2004 03:51:42	643.8616	643.8616	4003.47	
1414	04/28/2004 04:47:42	644.7950	644.7950	4002.45	
1416	04/28/2004 05:42:42	645.7116	645.7116	4001.45	
1418	04/28/2004 06:38:42	646.6450	646.6450	4000.44	
1420	04/28/2004 07:35:42	647.5950	647.5950	3999.43	
1422	04/28/2004 08:32:42	648.5450	648.5450	3998.42	
1424	04/28/2004 09:31:42	649.5283	649.5283	3997.40	
1426	04/28/2004 10:31:42	650.5283	650.5283	3996.39	
1428	04/28/2004 11:31:42	651.5283	651.5283	3995.39	
1430	04/28/2004 12:34:42	652.5783	652.5783	3994.39	
1432	04/28/2004 13:38:42	653.6450	653.6450	3993.38	
1434	04/28/2004 14:42:42	654.7116	654.7116	3992.38	
1436	04/28/2004 15:45:42	655.7616	655.7616	3991.38	
1438	04/28/2004 16:50:42	656.8450	656.8450	3990.37	
1440	04/28/2004 17:55:42	657.9283	657.9283	3989.37	
1442	04/28/2004 19:02:42	659.0450	659.0450	3988.37	
1444	04/28/2004 20:10:42	660.1783	660.1783	3987.36	
1446	04/28/2004 21:21:42	661.3616	661.3616	3986.36	
1448	04/28/2004 22:34:42	662.5783	662.5783	3985.36	
1450	04/28/2004 23:49:42	663.8283	663.8283	3984.35	
1452	04/29/2004 01:07:42	665.1283	665.1283	3983.35	
1454	04/29/2004 02:22:42	666.3783	666.3783	3982.35	
1456	04/29/2004 03:39:42	667.6616	667.6616	3981.34	
1458	04/29/2004 04:56:42	668.9450	668.9450	3980.33	
1460	04/29/2004 06:08:42	670.1450	670.1450	3979.33	
1462	04/29/2004 07:01:42	671.0283	671.0283	3978.33	
1464	04/29/2004 08:20:42	672.3450	672.3450	3977.32	

Item	Date/Clock Time	Time	Cum. Time	Sandface Pressure @ Perf Midpoint 9347' psi(a)	Water Rate
					MM/DD/YYYY
1466	04/29/2004 09:36:42	673.6116	673.6116	3976.31	
1468	04/29/2004 10:51:42	674.8616	674.8616	3975.31	
1470	04/29/2004 12:11:42	676.1950	676.1950	3974.31	
1472	04/29/2004 13:33:42	677.5616	677.5616	3973.31	
1474	04/29/2004 14:54:42	678.9116	678.9116	3972.31	
1476	04/29/2004 16:16:42	680.2783	680.2783	3971.31	
1478	04/29/2004 17:40:42	681.6783	681.6783	3970.31	
1480	04/29/2004 19:03:42	683.0616	683.0616	3969.31	
1482	04/29/2004 20:26:42	684.4450	684.4450	3968.31	
1484	04/29/2004 21:52:42	685.8783	685.8783	3967.31	
1486	04/29/2004 23:23:42	687.3950	687.3950	3966.31	
1488	04/30/2004 00:58:42	688.9783	688.9783	3965.31	
1490	04/30/2004 02:36:42	690.6116	690.6116	3964.31	
1492	04/30/2004 04:09:42	692.1616	692.1616	3963.31	
1494	04/30/2004 05:39:42	693.6616	693.6616	3962.31	
1496	04/30/2004 05:48:42	693.8116	693.8116	3962.21	
1498	04/30/2004 05:50:42	693.8450	693.8450	3962.23	
1500	04/30/2004 05:52:42	693.8783	693.8783	3962.23	
1501	04/30/2004 05:53:42	693.8950	693.8950	3962.23	



LIGHTNING WIRELINE

A London Services (U.S.) Ltd. Company

KPK

Suckla Farms Inj.#1

SE NW 10-1N-67W

Extended

2004-04-23 to 2004-04-30



LIGHTNING WIRELINE

A Pankar Services (U.S.) Ltd. Company

COMPANY: KPK
ADDRESS: c/o Lightning Wireline 405 Main St. Platteville, CO
WELL NAME: Suckla Farms Inj.#1
LOCATION: SE NW 10-1N-67W
FIELD - POOL: Wattenberg - Lyons
STATUS: N/A
ORIENTATION: Vertical

TEST INFORMATION:

TEST TYPE: Extended
DATE OF TEST: 2004-04-23 to 2004-04-30
SHUT IN DATE: 2004-04-24 07:02:00
ON BOTTOM: 2004-04-23 11:38:00
OFF BOTTOM: 2004-04-30 06:19:00
PRODUCTION INTERVAL: 9276.0 - 9418.0 ft
MID POINT PERFS.: 9347.0 ft
TUBING PRESSURE: BEFORE: N/A AFTER: N/A
CASING PRESSURE: BEFORE: N/A AFTER: N/A

GAUGE DATA:

	<u>TOP:</u>	<u>BOTTOM:</u>
GAUGE TYPE:	Well Watcher Strain	Well Watcher Strain
SERIAL NUMBER:	5337	5340
RUN DEPTH:	9038.5 ft	9039.0 ft
BATTERY ON TIME:	2004-04-23 11:11:00	2004-04-23 11:11:00
BATTERY OFF TIME:	2004-04-30 06:40:00	2004-04-30 06:40:00
CALIBRATION DATE:	2003-12-16	2003-12-16
PRESSURE RANGE:	5000 psi	5000 psi
ACCURACY:	0.05%	0.05%
RESOLUTION:	0.0003%	0.0003%

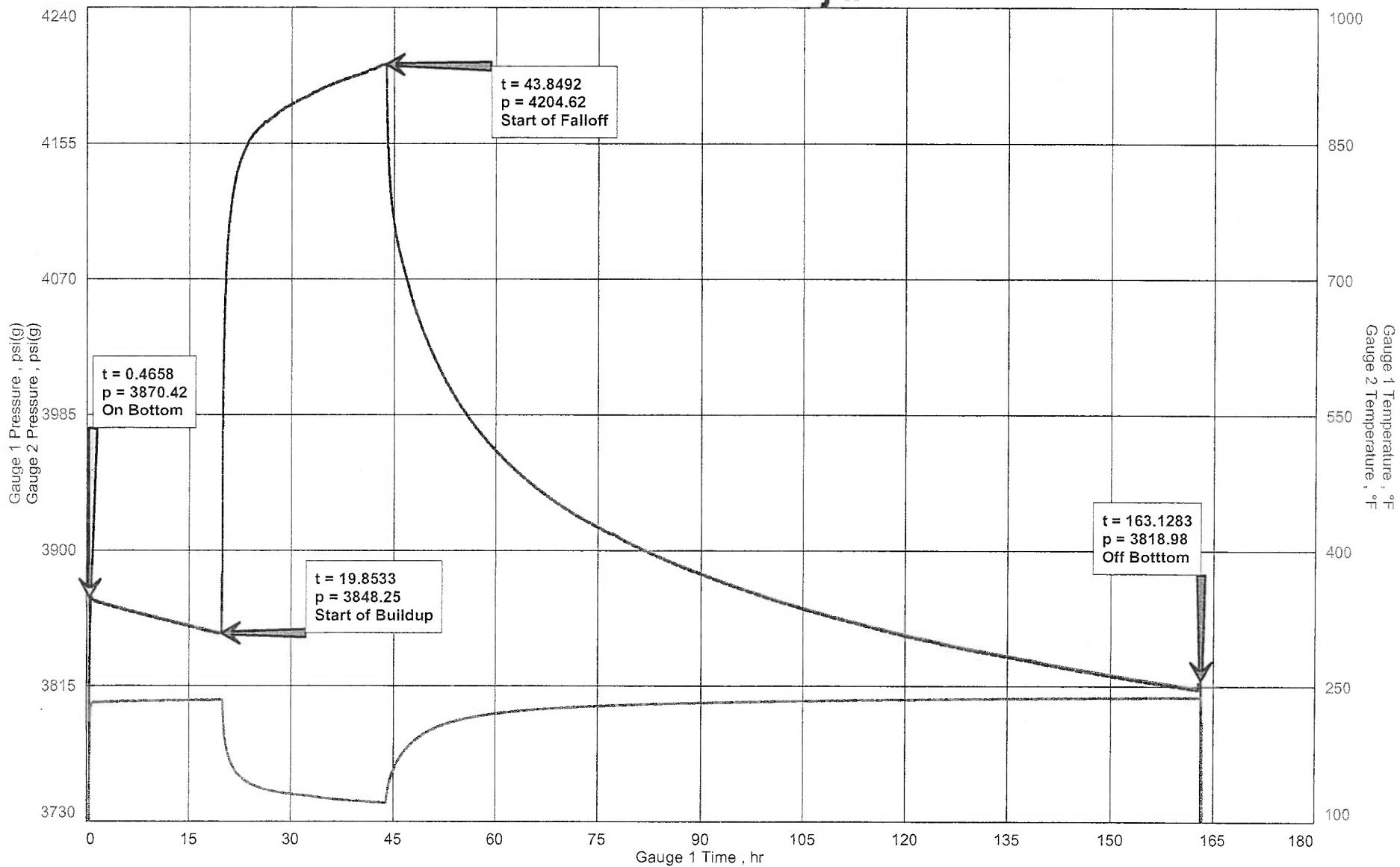
REMARKS:

THIS REPORT HAS BEEN PREPARED FOR YOU BY, ALEAH WILLIAMS.
PLEASE CALL ME AT {403}347-9727, IF YOU HAVE ANY QUESTIONS OR COMMENTS. THANK YOU.

KPK
SE NW 10-1N-67W
Start Test Date: 2004/04/23
Final Test Date: 2004/04/30

Suckla Farms Inj.#1
Formation: Lyons
Pool: Lyons
Job Number: N/A

Suckla Farms Inj.#1



KPK

SE NW 10-1N-67W

Start Test Date: 2004/04/23

Final Test Date: 2004/04/30

Suckla Farms Inj.#1

Formation: Lyons

Pool: Lyons

Job Number: N/A

	Gauge 1	Gauge 1	Gauge 1	Gauge 1	Gauge 1	Gauge 2	Gauge 2	Gauge 2	Gauge 2	Diff.
	Date	Clk Time	Time	Pres.	Temp.	Clk Time	Time	Pres.	Temp.	G1 - G2
	yyyy/mm	hh:mm:s	hr	psi(g)	°F	hh:mm:s	hr	psi(g)	°F	psi
1	2004/04/23	11:11:01	0.0003	0.18	58.65	11:11:01	0.0003	0.04	62.91	0.15
2	2004/04/23	11:11:25	0.0069	0.08	58.84	11:11:25	0.0069	0.11	62.35	-0.02
3	2004/04/23	11:15:57	0.0825	0.11	49.07	11:15:57	0.0825	0.09	51.95	0.02
4	2004/04/23	11:21:57	0.1825	318.39	50.82	11:21:57	0.1825	315.79	53.35	2.60
5	2004/04/23	11:27:57	0.2825	1612.46	81.98	11:27:57	0.2825	1609.28	78.86	3.18
6	2004/04/23	11:33:57	0.3825	3081.33	141.00	11:33:57	0.3825	3078.64	130.85	2.69
7	2004/04/23	11:39:57	0.4825	3856.71	205.23	11:39:57	0.4825	3856.80	194.77	-0.09
8	2004/04/23	11:45:57	0.5825	3864.14	223.57	11:45:57	0.5825	3863.12	218.67	1.02
9	2004/04/23	11:51:57	0.6825	3873.28	229.11	11:51:57	0.6825	3872.99	226.78	0.29
10	2004/04/23	11:57:57	0.7825	3870.65	230.78	11:57:57	0.7825	3870.24	229.58	0.40
11	2004/04/23	12:03:57	0.8825	3869.83	231.41	12:03:57	0.8825	3869.34	230.67	0.49
12	2004/04/23	12:09:57	0.9825	3869.40	231.69	12:09:57	0.9825	3868.85	231.16	0.56
13	2004/04/23	12:15:57	1.0825	3869.03	231.84	12:15:57	1.0825	3868.46	231.40	0.57
14	2004/04/23	12:21:57	1.1825	3868.76	231.93	12:21:57	1.1825	3868.16	231.53	0.61
15	2004/04/23	12:27:57	1.2825	3868.55	231.98	12:27:57	1.2825	3867.95	231.61	0.61
16	2004/04/23	12:33:57	1.3825	3868.37	232.02	12:33:57	1.3825	3867.76	231.66	0.61
17	2004/04/23	12:39:57	1.4825	3868.21	232.06	12:39:57	1.4825	3867.58	231.69	0.63
18	2004/04/23	12:45:57	1.5825	3868.05	232.09	12:45:57	1.5825	3867.41	231.72	0.64
19	2004/04/23	12:51:57	1.6825	3867.91	232.12	12:51:57	1.6825	3867.26	231.75	0.65
20	2004/04/23	12:57:57	1.7825	3867.75	232.14	12:57:57	1.7825	3867.10	231.78	0.65
21	2004/04/23	13:03:57	1.8825	3867.61	232.16	13:03:57	1.8825	3866.95	231.80	0.65
22	2004/04/23	13:09:57	1.9825	3867.47	232.19	13:09:57	1.9825	3866.81	231.82	0.66
23	2004/04/23	13:15:57	2.0825	3867.33	232.21	13:15:57	2.0825	3866.67	231.85	0.67
24	2004/04/23	13:21:57	2.1825	3867.20	232.23	13:21:57	2.1825	3866.53	231.87	0.67
25	2004/04/23	13:27:57	2.2825	3867.08	232.25	13:27:57	2.2825	3866.39	231.89	0.68
26	2004/04/23	13:33:57	2.3825	3866.95	232.27	13:33:57	2.3825	3866.27	231.91	0.69
27	2004/04/23	13:39:57	2.4825	3866.82	232.30	13:39:57	2.4825	3866.14	231.93	0.68
28	2004/04/23	13:45:57	2.5825	3866.70	232.32	13:45:57	2.5825	3866.01	231.95	0.69
29	2004/04/23	13:51:57	2.6825	3866.58	232.34	13:51:57	2.6825	3865.88	231.97	0.69
30	2004/04/23	13:57:57	2.7825	3866.45	232.36	13:57:57	2.7825	3865.75	231.99	0.70
31	2004/04/23	14:03:57	2.8825	3866.33	232.38	14:03:57	2.8825	3865.63	232.01	0.70
32	2004/04/23	14:09:57	2.9825	3866.21	232.40	14:09:57	2.9825	3865.50	232.03	0.71
33	2004/04/23	14:15:57	3.0825	3866.08	232.42	14:15:57	3.0825	3865.38	232.05	0.70
34	2004/04/23	14:21:57	3.1825	3865.96	232.44	14:21:57	3.1825	3865.24	232.07	0.72
35	2004/04/23	14:27:57	3.2825	3865.84	232.46	14:27:57	3.2825	3865.12	232.09	0.72
36	2004/04/23	14:33:57	3.3825	3865.72	232.48	14:33:57	3.3825	3865.01	232.11	0.71
37	2004/04/23	14:39:57	3.4825	3865.59	232.50	14:39:57	3.4825	3864.88	232.13	0.71
38	2004/04/23	14:45:57	3.5825	3865.47	232.52	14:45:57	3.5825	3864.76	232.15	0.72
39	2004/04/23	14:51:57	3.6825	3865.35	232.54	14:51:57	3.6825	3864.63	232.17	0.72
40	2004/04/23	14:57:57	3.7825	3865.24	232.56	14:57:57	3.7825	3864.52	232.19	0.72
41	2004/04/23	15:03:57	3.8825	3865.12	232.58	15:03:57	3.8825	3864.39	232.21	0.72
42	2004/04/23	15:09:57	3.9825	3864.99	232.60	15:09:57	3.9825	3864.27	232.23	0.73
43	2004/04/23	15:15:57	4.0825	3864.87	232.62	15:15:57	4.0825	3864.16	232.25	0.72
44	2004/04/23	15:21:57	4.1825	3864.76	232.64	15:21:57	4.1825	3864.04	232.26	0.72
45	2004/04/23	15:27:57	4.2825	3864.64	232.65	15:27:57	4.2825	3863.92	232.28	0.72
46	2004/04/23	15:33:57	4.3825	3864.53	232.67	15:33:57	4.3825	3863.80	232.30	0.73
47	2004/04/23	15:39:57	4.4825	3864.41	232.69	15:39:57	4.4825	3863.69	232.32	0.72
48	2004/04/23	15:45:57	4.5825	3864.29	232.71	15:45:57	4.5825	3863.57	232.33	0.73
49	2004/04/23	15:51:57	4.6825	3864.18	232.73	15:51:57	4.6825	3863.45	232.35	0.72

Gauge 1 Serial Number: 5340 Start Date: 2004/04/23 11:11:00 Run Depth: 9039.00

Gauge 2 Serial Number: 5337 Start Date: 2004/04/23 11:11:00 Run Depth: 9038.50

Print Filter: Print every 24th point

KPK
SE NW 10-1N-67W
Start Test Date: 2004/04/23
Final Test Date: 2004/04/30

Suckla Farms Inj.#1
Formation: Lyons
Pool: Lyons
Job Number: N/A

Gauge 1 Gauge 1 Gauge 1 Gauge 1 Gauge 1 Gauge 2 Gauge 2 Gauge 2 Gauge 2 Diff.

Date Clk Time Time Pres. Temp. Clk Time Time Pres. Temp. G1 - G2

yyyy/mm hh:mm:s hr psi(g) °F hh:mm:s hr psi(g) °F psi

99	2004/04/23	20:51:57	9.6825	3858.62	233.48	20:51:57	9.6825	3857.88	233.10	0.74
100	2004/04/23	20:57:57	9.7825	3858.51	233.50	20:57:57	9.7825	3857.77	233.11	0.74
101	2004/04/23	21:03:57	9.8825	3858.41	233.51	21:03:57	9.8825	3857.67	233.13	0.74
102	2004/04/23	21:09:57	9.9825	3858.30	233.52	21:09:57	9.9825	3857.56	233.14	0.74
103	2004/04/23	21:15:57	10.0825	3858.18	233.54	21:15:57	10.0825	3857.45	233.15	0.74
104	2004/04/23	21:21:57	10.1825	3858.09	233.55	21:21:57	10.1825	3857.34	233.17	0.75
105	2004/04/23	21:27:57	10.2825	3857.97	233.56	21:27:57	10.2825	3857.23	233.18	0.74
106	2004/04/23	21:33:57	10.3825	3857.87	233.58	21:33:57	10.3825	3857.13	233.19	0.74
107	2004/04/23	21:39:57	10.4825	3857.76	233.59	21:39:57	10.4825	3857.02	233.21	0.74
108	2004/04/23	21:45:57	10.5825	3857.65	233.60	21:45:57	10.5825	3856.91	233.22	0.74
109	2004/04/23	21:51:57	10.6825	3857.54	233.62	21:51:57	10.6825	3856.80	233.23	0.75
110	2004/04/23	21:57:57	10.7825	3857.44	233.63	21:57:57	10.7825	3856.69	233.24	0.75
111	2004/04/23	22:03:57	10.8825	3857.33	233.64	22:03:57	10.8825	3856.59	233.26	0.74
112	2004/04/23	22:09:57	10.9825	3857.23	233.65	22:09:57	10.9825	3856.48	233.27	0.75
113	2004/04/23	22:15:57	11.0825	3857.12	233.67	22:15:57	11.0825	3856.38	233.28	0.74
114	2004/04/23	22:21:57	11.1825	3857.01	233.68	22:21:57	11.1825	3856.27	233.29	0.74
115	2004/04/23	22:27:57	11.2825	3856.90	233.69	22:27:57	11.2825	3856.16	233.31	0.75
116	2004/04/23	22:33:57	11.3825	3856.80	233.71	22:33:57	11.3825	3856.05	233.32	0.74
117	2004/04/23	22:39:57	11.4825	3856.69	233.72	22:39:57	11.4825	3855.94	233.33	0.75
118	2004/04/23	22:45:57	11.5825	3856.58	233.73	22:45:57	11.5825	3855.84	233.35	0.74
119	2004/04/23	22:51:57	11.6825	3856.48	233.74	22:51:57	11.6825	3855.73	233.36	0.75
120	2004/04/23	22:57:57	11.7825	3856.37	233.76	22:57:57	11.7825	3855.63	233.37	0.74
121	2004/04/23	23:03:57	11.8825	3856.26	233.77	23:03:57	11.8825	3855.52	233.38	0.74
122	2004/04/23	23:09:57	11.9825	3856.15	233.78	23:09:57	11.9825	3855.41	233.39	0.74
123	2004/04/23	23:15:57	12.0825	3856.04	233.79	23:15:57	12.0825	3855.30	233.41	0.75
124	2004/04/23	23:21:57	12.1825	3855.94	233.81	23:21:57	12.1825	3855.19	233.42	0.75
125	2004/04/23	23:27:57	12.2825	3855.83	233.82	23:27:57	12.2825	3855.09	233.43	0.75
126	2004/04/23	23:33:57	12.3825	3855.73	233.83	23:33:57	12.3825	3854.97	233.45	0.75
127	2004/04/23	23:39:57	12.4825	3855.62	233.85	23:39:57	12.4825	3854.86	233.46	0.76
128	2004/04/23	23:45:57	12.5825	3855.51	233.86	23:45:57	12.5825	3854.76	233.47	0.76
129	2004/04/23	23:51:57	12.6825	3855.41	233.87	23:51:57	12.6825	3854.65	233.48	0.75
130	2004/04/23	23:57:57	12.7825	3855.30	233.88	23:57:57	12.7825	3854.54	233.49	0.75
131	2004/04/24	00:03:57	12.8825	3855.18	233.89	00:03:57	12.8825	3854.43	233.51	0.74
132	2004/04/24	00:09:57	12.9825	3855.08	233.90	00:09:57	12.9825	3854.32	233.52	0.76
133	2004/04/24	00:15:57	13.0825	3854.97	233.92	00:15:57	13.0825	3854.21	233.53	0.76
134	2004/04/24	00:21:57	13.1825	3854.86	233.93	00:21:57	13.1825	3854.11	233.54	0.75
135	2004/04/24	00:27:57	13.2825	3854.76	233.94	00:27:57	13.2825	3854.01	233.55	0.76
136	2004/04/24	00:33:57	13.3825	3854.65	233.95	00:33:57	13.3825	3853.90	233.56	0.75
137	2004/04/24	00:39:57	13.4825	3854.54	233.97	00:39:57	13.4825	3853.79	233.58	0.75
138	2004/04/24	00:45:57	13.5825	3854.43	233.98	00:45:57	13.5825	3853.68	233.59	0.75
139	2004/04/24	00:51:57	13.6825	3854.32	233.99	00:51:57	13.6825	3853.56	233.60	0.76
140	2004/04/24	00:57:57	13.7825	3854.22	234.00	00:57:57	13.7825	3853.46	233.61	0.76
141	2004/04/24	01:03:57	13.8825	3854.14	234.01	01:03:57	13.8825	3853.40	233.63	0.74
142	2004/04/24	01:09:57	13.9825	3854.04	234.03	01:09:57	13.9825	3853.28	233.64	0.75
143	2004/04/24	01:15:57	14.0825	3853.93	234.04	01:15:57	14.0825	3853.18	233.65	0.75
144	2004/04/24	01:21:57	14.1825	3853.83	234.05	01:21:57	14.1825	3853.07	233.66	0.76
145	2004/04/24	01:27:57	14.2825	3853.73	234.06	01:27:57	14.2825	3852.97	233.67	0.76
146	2004/04/24	01:33:57	14.3825	3853.62	234.07	01:33:57	14.3825	3852.86	233.68	0.76
147	2004/04/24	01:39:57	14.4825	3853.52	234.08	01:39:57	14.4825	3852.76	233.70	0.76

Gauge 1 Serial Number: 5340 Start Date: 2004/04/23 11:11:00 Run Depth: 9039.00

Gauge 2 Serial Number: 5337 Start Date: 2004/04/23 11:11:00 Run Depth: 9038.50

Print Filter: Print every 24th point

KPK
SE NW 10-1N-67W
Start Test Date: 2004/04/23
Final Test Date: 2004/04/30

Suckla Farms Inj.#1
Formation: Lyons
Pool: Lyons
Job Number: N/A

Gauge 1 Gauge 1 Gauge 1 Gauge 1 Gauge 1 Gauge 2 Gauge 2 Gauge 2 Gauge 2 Diff.

Date	Clk Time	Time	Pres.	Temp.	Clk Time	Time	Pres.	Temp.	G1 - G2	
yyyy/mm	hh:mm:s	hr	psi(g)	°F	hh:mm:s	hr	psi(g)	°F	psi	
197	2004/04/24	06:39:57	19.4825	3848.56	234.63	06:39:57	19.4825	3847.76	234.24	0.80
198	2004/04/24	06:45:57	19.5825	3848.47	234.64	06:45:57	19.5825	3847.67	234.24	0.80
199	2004/04/24	06:51:57	19.6825	3848.38	234.65	06:51:57	19.6825	3847.58	234.26	0.79
200	2004/04/24	06:57:57	19.7825	3848.28	234.66	06:57:57	19.7825	3847.48	234.27	0.79
201	2004/04/24	07:03:57	19.8825	3862.64	234.68	07:03:57	19.8825	3861.74	234.28	0.90
202	2004/04/24	07:09:57	19.9825	3991.91	227.39	07:09:57	19.9825	3991.19	227.85	0.72
203	2004/04/24	07:15:57	20.0825	4023.24	212.06	07:15:57	20.0825	4022.54	213.33	0.70
204	2004/04/24	07:21:57	20.1825	4044.30	201.00	07:21:57	20.1825	4043.77	202.20	0.53
205	2004/04/24	07:27:57	20.2825	4057.90	193.56	07:27:57	20.2825	4057.35	194.48	0.55
206	2004/04/24	07:33:57	20.3825	4069.84	188.18	07:33:57	20.3825	4069.23	188.83	0.60
207	2004/04/24	07:39:57	20.4825	4080.62	184.03	07:39:57	20.4825	4079.96	184.50	0.66
208	2004/04/24	07:45:57	20.5825	4089.55	180.12	07:45:57	20.5825	4088.92	180.51	0.63
209	2004/04/24	07:51:57	20.6825	4095.94	176.87	07:51:57	20.6825	4095.47	177.17	0.47
210	2004/04/24	07:57:57	20.7825	4100.73	174.03	07:57:57	20.7825	4100.24	174.28	0.49
211	2004/04/24	08:03:57	20.8825	4105.67	171.56	08:03:57	20.8825	4105.15	171.76	0.51
212	2004/04/24	08:09:57	20.9825	4109.47	169.37	08:09:57	20.9825	4109.06	169.53	0.41
213	2004/04/24	08:15:57	21.0825	4112.95	167.41	08:15:57	21.0825	4112.50	167.54	0.46
214	2004/04/24	08:21:57	21.1825	4116.52	165.56	08:21:57	21.1825	4116.14	165.68	0.38
215	2004/04/24	08:27:57	21.2825	4120.12	163.84	08:27:57	21.2825	4119.72	163.95	0.40
216	2004/04/24	08:33:57	21.3825	4122.71	162.25	08:33:57	21.3825	4122.37	162.34	0.34
217	2004/04/24	08:39:57	21.4825	4125.71	160.78	08:39:57	21.4825	4125.44	160.87	0.26
218	2004/04/24	08:45:57	21.5825	4128.50	159.43	08:45:57	21.5825	4128.27	159.51	0.22
219	2004/04/24	08:51:57	21.6825	4130.77	158.15	08:51:57	21.6825	4130.56	158.22	0.20
220	2004/04/24	08:57:57	21.7825	4132.79	156.90	08:57:57	21.7825	4132.60	156.97	0.19
221	2004/04/24	09:03:57	21.8825	4134.85	155.73	09:03:57	21.8825	4134.74	155.79	0.11
222	2004/04/24	09:09:57	21.9825	4136.80	154.66	09:09:57	21.9825	4136.70	154.72	0.10
223	2004/04/24	09:15:57	22.0825	4133.40	153.68	09:15:57	22.0825	4138.35	153.72	0.05
224	2004/04/24	09:21:57	22.1825	4139.72	152.76	09:21:57	22.1825	4139.66	152.80	0.06
225	2004/04/24	09:27:57	22.2825	4141.02	151.92	09:27:57	22.2825	4140.95	151.96	0.07
226	2004/04/24	09:33:57	22.3825	4142.08	151.17	09:33:57	22.3825	4142.08	151.20	0.00
227	2004/04/24	09:39:57	22.4825	4143.67	150.42	09:39:57	22.4825	4143.69	150.45	-0.01
228	2004/04/24	09:45:57	22.5825	4144.95	149.67	09:45:57	22.5825	4144.98	149.70	-0.03
229	2004/04/24	09:51:57	22.6825	4145.98	148.96	09:51:57	22.6825	4146.02	148.98	-0.04
230	2004/04/24	09:57:57	22.7825	4147.16	148.33	09:57:57	22.7825	4147.23	148.35	-0.07
231	2004/04/24	10:03:57	22.8825	4148.02	147.69	10:03:57	22.8825	4148.08	147.71	-0.06
232	2004/04/24	10:09:57	22.9825	4149.25	147.09	10:09:57	22.9825	4149.35	147.11	-0.09
233	2004/04/24	10:15:57	23.0825	4150.07	146.51	10:15:57	23.0825	4150.16	146.53	-0.09
234	2004/04/24	10:21:57	23.1825	4151.26	145.97	10:21:57	23.1825	4151.41	145.98	-0.15
235	2004/04/24	10:27:57	23.2825	4152.42	145.44	10:27:57	23.2825	4152.54	145.45	-0.12
236	2004/04/24	10:33:57	23.3825	4152.95	144.89	10:33:57	23.3825	4153.03	144.91	-0.08
237	2004/04/24	10:39:57	23.4825	4153.63	144.43	10:39:57	23.4825	4153.77	144.44	-0.15
238	2004/04/24	10:45:57	23.5825	4154.83	143.97	10:45:57	23.5825	4154.99	143.98	-0.16
239	2004/04/24	10:51:57	23.6825	4155.76	143.47	10:51:57	23.6825	4155.93	143.48	-0.17
240	2004/04/24	10:57:57	23.7825	4156.63	142.98	10:57:57	23.7825	4156.79	142.99	-0.16
241	2004/04/24	11:03:57	23.8825	4157.45	142.52	11:03:57	23.8825	4157.63	142.53	-0.18
242	2004/04/24	11:09:57	23.9825	4157.94	142.10	11:09:57	23.9825	4158.11	142.11	-0.18
243	2004/04/24	11:15:57	24.0825	4158.64	141.74	11:15:57	24.0825	4158.83	141.74	-0.19
244	2004/04/24	11:21:57	24.1825	4159.12	141.36	11:21:57	24.1825	4159.30	141.36	-0.18
245	2004/04/24	11:27:57	24.2825	4159.92	141.01	11:27:57	24.2825	4160.11	141.02	-0.20

Gauge 1 Serial Number: 5340 Start Date: 2004/04/23 11:11:00 Run Depth: 9039.00

Gauge 2 Serial Number: 5337 Start Date: 2004/04/23 11:11:00 Run Depth: 9038.50

Print Filter: Print every 24th point

KPK
SE NW 10-1N-67W
Start Test Date: 2004/04/23
Final Test Date: 2004/04/30

Suckla Farms Inj.#1
Formation: Lyons
Pool: Lyons
Job Number: N/A

Gauge 1 Gauge 1 Gauge 1 Gauge 1 Gauge 1 Gauge 2 Gauge 2 Gauge 2 Gauge 2 Diff.

Date	Clk Time	Time	Pres.	Temp.	Clk Time	Time	Pres.	Temp.	G1 - G2
yyyy/mm	hh:mm:s	hr	psi(g)	°F	hh:mm:s	hr	psi(g)	°F	psi

295	2004/04/24	16:27:57	29.2825	4177.47	131.05	16:27:57	29.2825	4177.73	131.05	-0.26
296	2004/04/24	16:33:57	29.3825	4177.71	130.99	16:33:57	29.3825	4177.97	130.99	-0.26
297	2004/04/24	16:39:57	29.4825	4177.92	130.91	16:39:57	29.4825	4178.19	130.92	-0.27
298	2004/04/24	16:45:57	29.5825	4178.22	130.83	16:45:57	29.5825	4178.48	130.84	-0.26
299	2004/04/24	16:51:57	29.6825	4178.50	130.74	16:51:57	29.6825	4178.77	130.75	-0.26
300	2004/04/24	16:57:57	29.7825	4178.70	130.65	16:57:57	29.7825	4178.96	130.65	-0.26
301	2004/04/24	17:03:57	29.8825	4178.90	130.56	17:03:57	29.8825	4179.17	130.56	-0.27
302	2004/04/24	17:09:57	29.9825	4179.11	130.49	17:09:57	29.9825	4179.35	130.49	-0.24
303	2004/04/24	17:15:57	30.0825	4179.31	130.41	17:15:57	30.0825	4179.59	130.42	-0.27
304	2004/04/24	17:21:57	30.1825	4180.03	130.30	17:21:57	30.1825	4180.29	130.31	-0.27
305	2004/04/24	17:27:57	30.2825	4180.05	130.15	17:27:57	30.2825	4180.32	130.16	-0.27
306	2004/04/24	17:33:57	30.3825	4180.14	130.09	17:33:57	30.3825	4180.41	130.10	-0.27
307	2004/04/24	17:39:57	30.4825	4180.40	130.04	17:39:57	30.4825	4180.69	130.04	-0.28
308	2004/04/24	17:45:57	30.5825	4180.59	129.97	17:45:57	30.5825	4180.85	129.98	-0.26
309	2004/04/24	17:51:57	30.6825	4180.74	129.91	17:51:57	30.6825	4181.00	129.92	-0.26
310	2004/04/24	17:57:57	30.7825	4180.99	129.85	17:57:57	30.7825	4181.25	129.86	-0.26
311	2004/04/24	18:03:57	30.8825	4181.42	129.75	18:03:57	30.8825	4181.68	129.76	-0.26
312	2004/04/24	18:09:57	30.9825	4181.44	129.64	18:09:57	30.9825	4181.70	129.65	-0.27
313	2004/04/24	18:15:57	31.0825	4181.62	129.59	18:15:57	31.0825	4181.87	129.59	-0.26
314	2004/04/24	18:21:57	31.1825	4181.98	129.52	18:21:57	31.1825	4182.25	129.52	-0.28
315	2004/04/24	18:27:57	31.2825	4182.33	129.42	18:27:57	31.2825	4182.59	129.43	-0.27
316	2004/04/24	18:33:57	31.3825	4182.39	129.34	18:33:57	31.3825	4182.65	129.34	-0.26
317	2004/04/24	18:39:57	31.4825	4182.59	129.27	18:39:57	31.4825	4182.86	129.28	-0.28
318	2004/04/24	18:45:57	31.5825	4182.87	129.20	18:45:57	31.5825	4183.12	129.21	-0.25
319	2004/04/24	18:51:57	31.6825	4183.00	129.13	18:51:57	31.6825	4183.28	129.14	-0.28
320	2004/04/24	18:57:57	31.7825	4183.23	129.05	18:57:57	31.7825	4183.49	129.06	-0.27
321	2004/04/24	19:03:57	31.8825	4183.40	128.97	19:03:57	31.8825	4183.65	128.98	-0.26
322	2004/04/24	19:09:57	31.9825	4183.58	128.89	19:09:57	31.9825	4183.85	128.90	-0.27
323	2004/04/24	19:15:57	32.0825	4183.77	128.82	19:15:57	32.0825	4184.04	128.83	-0.27
324	2004/04/24	19:21:57	32.1825	4183.89	128.76	19:21:57	32.1825	4184.17	128.76	-0.28
325	2004/04/24	19:27:57	32.2825	4184.10	128.69	19:27:57	32.2825	4184.36	128.70	-0.27
326	2004/04/24	19:33:57	32.3825	4184.22	128.63	19:33:57	32.3825	4184.50	128.63	-0.28
327	2004/04/24	19:39:57	32.4825	4184.48	128.55	19:39:57	32.4825	4184.75	128.56	-0.28
328	2004/04/24	19:45:57	32.5825	4184.68	128.45	19:45:57	32.5825	4184.95	128.46	-0.27
329	2004/04/24	19:51:57	32.6825	4185.00	128.35	19:51:57	32.6825	4185.27	128.37	-0.27
330	2004/04/24	19:57:57	32.7825	4185.19	128.22	19:57:57	32.7825	4185.48	128.24	-0.29
331	2004/04/24	20:03:57	32.8825	4185.36	128.14	20:03:57	32.8825	4185.63	128.15	-0.27
332	2004/04/24	20:09:57	32.9825	4185.89	128.03	20:09:57	32.9825	4186.19	128.05	-0.29
333	2004/04/24	20:15:57	33.0825	4186.20	127.87	20:15:57	33.0825	4186.46	127.89	-0.26
334	2004/04/24	20:21:57	33.1825	4186.47	127.72	20:21:57	33.1825	4186.74	127.74	-0.27
335	2004/04/24	20:27:57	33.2825	4186.69	127.58	20:27:57	33.2825	4186.95	127.61	-0.26
336	2004/04/24	20:33:57	33.3825	4186.87	127.46	20:33:57	33.3825	4187.15	127.49	-0.28
337	2004/04/24	20:39:57	33.4825	4186.94	127.37	20:39:57	33.4825	4187.24	127.39	-0.30
338	2004/04/24	20:45:57	33.5825	4187.18	127.27	20:45:57	33.5825	4187.45	127.29	-0.28
339	2004/04/24	20:51:57	33.6825	4187.32	127.18	20:51:57	33.6825	4187.62	127.20	-0.31
340	2004/04/24	20:57:57	33.7825	4187.53	127.08	20:57:57	33.7825	4187.79	127.10	-0.26
341	2004/04/24	21:03:57	33.8825	4187.75	126.97	21:03:57	33.8825	4188.01	126.99	-0.26
342	2004/04/24	21:09:57	33.9825	4188.22	126.86	21:09:57	33.9825	4188.48	126.88	-0.26
343	2004/04/24	21:15:57	34.0825	4188.33	126.76	21:15:57	34.0825	4188.60	126.78	-0.27

Gauge 1 Serial Number: 5340 Start Date: 2004/04/23 11:11:00 Run Depth: 9039.00

Gauge 2 Serial Number: 5337 Start Date: 2004/04/23 11:11:00 Run Depth: 9038.50

Print Filter: Print every 24th point

KPK
 SE NW 10-1N-67W
 Start Test Date: 2004/04/23
 Final Test Date: 2004/04/30

Suckla Farms Inj.#1
 Formation: Lyons
 Pool: Lyons
 Job Number: N/A

		Gauge 1	Gauge 1	Gauge 1	Gauge 1	Gauge 1	Gauge 2	Gauge 2	Gauge 2	Gauge 2	Diff.
	Date	Clk Time	Time	Pres.	Temp.	Clk Time	Time	Pres.	Temp.	G1 - G2	
	yyyy/mm	hh:mm:s	hr	psi(g)	°F	hh:mm:s	hr	psi(g)	°F	psi	
393	2004/04/25	02:15:57	39.0825	4196.94	122.99	02:15:57	39.0825	4197.21	123.02	-0.27	
394	2004/04/25	02:21:57	39.1825	4196.97	122.94	02:21:57	39.1825	4197.20	122.97	-0.23	
395	2004/04/25	02:27:57	39.2825	4197.22	122.92	02:27:57	39.2825	4197.49	122.95	-0.27	
396	2004/04/25	02:33:57	39.3825	4197.44	122.85	02:33:57	39.3825	4197.72	122.88	-0.28	
397	2004/04/25	02:39:57	39.4825	4197.23	122.79	02:39:57	39.4825	4197.50	122.82	-0.26	
398	2004/04/25	02:45:57	39.5825	4197.51	122.78	02:45:57	39.5825	4197.77	122.80	-0.26	
399	2004/04/25	02:51:57	39.6825	4197.72	122.71	02:51:57	39.6825	4197.99	122.74	-0.27	
400	2004/04/25	02:57:57	39.7825	4197.87	122.64	02:57:57	39.7825	4198.11	122.67	-0.24	
401	2004/04/25	03:03:57	39.8825	4197.85	122.58	03:03:57	39.8825	4198.11	122.61	-0.27	
402	2004/04/25	03:09:57	39.9825	4197.98	122.57	03:09:57	39.9825	4198.25	122.59	-0.26	
403	2004/04/25	03:15:57	40.0825	4198.14	122.54	03:15:57	40.0825	4198.41	122.56	-0.26	
404	2004/04/25	03:21:57	40.1825	4198.47	122.48	03:21:57	40.1825	4198.73	122.51	-0.26	
405	2004/04/25	03:27:57	40.2825	4198.66	122.40	03:27:57	40.2825	4198.93	122.44	-0.27	
406	2004/04/25	03:33:57	40.3825	4198.89	122.33	03:33:57	40.3825	4199.16	122.36	-0.27	
407	2004/04/25	03:39:57	40.4825	4198.89	122.26	03:39:57	40.4825	4199.15	122.30	-0.26	
408	2004/04/25	03:45:57	40.5825	4198.97	122.25	03:45:57	40.5825	4199.23	122.28	-0.26	
409	2004/04/25	03:51:57	40.6825	4199.09	122.23	03:51:57	40.6825	4199.34	122.26	-0.25	
410	2004/04/25	03:57:57	40.7825	4199.26	122.19	03:57:57	40.7825	4199.52	122.22	-0.25	
411	2004/04/25	04:03:57	40.8825	4199.56	122.15	04:03:57	40.8825	4199.82	122.18	-0.26	
412	2004/04/25	04:09:57	40.9825	4199.82	122.07	04:09:57	40.9825	4200.07	122.11	-0.25	
413	2004/04/25	04:15:57	41.0825	4200.10	122.00	04:15:57	41.0825	4200.36	122.03	-0.26	
414	2004/04/25	04:21:57	41.1825	4200.27	121.93	04:21:57	41.1825	4200.52	121.96	-0.25	
415	2004/04/25	04:27:57	41.2825	4200.49	121.86	04:27:57	41.2825	4200.74	121.90	-0.25	
416	2004/04/25	04:33:57	41.3825	4200.73	121.80	04:33:57	41.3825	4200.99	121.84	-0.26	
417	2004/04/25	04:39:57	41.4825	4200.91	121.74	04:39:57	41.4825	4201.17	121.78	-0.26	
418	2004/04/25	04:45:57	41.5825	4201.06	121.69	04:45:57	41.5825	4201.32	121.73	-0.26	
419	2004/04/25	04:51:57	41.6825	4201.24	121.65	04:51:57	41.6825	4201.50	121.68	-0.25	
420	2004/04/25	04:57:57	41.7825	4201.29	121.61	04:57:57	41.7825	4201.55	121.64	-0.26	
421	2004/04/25	05:03:57	41.8825	4201.26	121.60	05:03:57	41.8825	4201.51	121.63	-0.25	
422	2004/04/25	05:09:57	41.9825	4201.37	121.61	05:09:57	41.9825	4201.63	121.63	-0.26	
423	2004/04/25	05:15:57	42.0825	4201.55	121.59	05:15:57	42.0825	4201.82	121.62	-0.27	
424	2004/04/25	05:21:57	42.1825	4201.73	121.56	05:21:57	42.1825	4201.98	121.59	-0.25	
425	2004/04/25	05:27:57	42.2825	4201.74	121.52	05:27:57	42.2825	4201.99	121.55	-0.25	
426	2004/04/25	05:33:57	42.3825	4202.28	121.48	05:33:57	42.3825	4202.53	121.51	-0.25	
427	2004/04/25	05:39:57	42.4825	4202.62	121.36	05:39:57	42.4825	4202.88	121.40	-0.25	
428	2004/04/25	05:45:57	42.5825	4202.59	121.28	05:45:57	42.5825	4202.84	121.32	-0.25	
429	2004/04/25	05:51:57	42.6825	4202.76	121.24	05:51:57	42.6825	4203.02	121.28	-0.25	
430	2004/04/25	05:57:57	42.7825	4202.92	121.21	05:57:57	42.7825	4203.17	121.24	-0.25	
431	2004/04/25	06:03:57	42.8825	4203.19	121.17	06:03:57	42.8825	4203.44	121.20	-0.25	
432	2004/04/25	06:09:57	42.9825	4203.35	121.11	06:09:57	42.9825	4203.59	121.14	-0.24	
433	2004/04/25	06:15:57	43.0825	4203.69	121.05	06:15:57	43.0825	4203.95	121.09	-0.26	
434	2004/04/25	06:21:57	43.1825	4203.96	120.96	06:21:57	43.1825	4204.21	121.00	-0.25	
435	2004/04/25	06:27:57	43.2825	4204.16	120.89	06:27:57	43.2825	4204.41	120.92	-0.25	
436	2004/04/25	06:33:57	43.3825	4204.35	120.82	06:33:57	43.3825	4204.60	120.86	-0.25	
437	2004/04/25	06:39:57	43.4825	4204.16	120.77	06:39:57	43.4825	4204.42	120.81	-0.26	
438	2004/04/25	06:45:57	43.5825	4204.26	120.78	06:45:57	43.5825	4204.51	120.81	-0.25	
439	2004/04/25	06:51:57	43.6825	4204.39	120.79	06:51:57	43.6825	4204.64	120.81	-0.25	
440	2004/04/25	06:57:57	43.7825	4204.49	120.78	06:57:57	43.7825	4204.73	120.81	-0.25	
441	2004/04/25	07:03:57	43.8825	4182.24	120.97	07:03:57	43.8825	4182.48	120.99	-0.24	

Gauge 1 Serial Number: 5340 Start Date: 2004/04/23 11:11:00 Run Depth: 9039.00

Gauge 2 Serial Number: 5337 Start Date: 2004/04/23 11:11:00 Run Depth: 9038.50

Print Filter: Print every 24th point

KPK

SE NW 10-1N-67W

Start Test Date: 2004/04/23

Final Test Date: 2004/04/30

Suckla Farms Inj.#1

Formation: Lyons

Pool: Lyons

Job Number: N/A

	Gauge 1	Gauge 1	Gauge 1	Gauge 1	Gauge 1	Gauge 2	Gauge 2	Gauge 2	Gauge 2	Diff.
Date	Clk Time	Time	Pres.	Temp.	Clk Time	Time	Pres.	Temp.	G1 - G2	
yyyy/mm	hh:mm:s	hr	psi(g)	°F	hh:mm:s	hr	psi(g)	°F	psi	
491	2004/04/25	12:03:57	48.8825	4041.96	193.81	12:03:57	48.8825	4041.46	193.74	0.50
492	2004/04/25	12:09:57	48.9825	4040.84	194.35	12:09:57	48.9825	4040.34	194.27	0.49
493	2004/04/25	12:15:57	49.0825	4039.72	194.88	12:15:57	49.0825	4039.23	194.80	0.49
494	2004/04/25	12:21:57	49.1825	4038.64	195.39	12:21:57	49.1825	4038.15	195.30	0.50
495	2004/04/25	12:27:57	49.2825	4037.57	195.89	12:27:57	49.2825	4037.06	195.81	0.51
496	2004/04/25	12:33:57	49.3825	4036.51	196.38	12:33:57	49.3825	4036.00	196.29	0.50
497	2004/04/25	12:39:57	49.4825	4035.46	196.85	12:39:57	49.4825	4034.96	196.76	0.50
498	2004/04/25	12:45:57	49.5825	4034.42	197.30	12:45:57	49.5825	4033.93	197.20	0.49
499	2004/04/25	12:51:57	49.6825	4033.40	197.74	12:51:57	49.6825	4032.90	197.64	0.51
500	2004/04/25	12:57:57	49.7825	4032.39	198.18	12:57:57	49.7825	4031.89	198.07	0.50
501	2004/04/25	13:03:57	49.8825	4031.38	198.60	13:03:57	49.8825	4030.88	198.50	0.50
502	2004/04/25	13:09:57	49.9825	4030.39	199.02	13:09:57	49.9825	4029.88	198.92	0.50
503	2004/04/25	13:15:57	50.0825	4029.40	199.43	13:15:57	50.0825	4028.90	199.32	0.51
504	2004/04/25	13:21:57	50.1825	4028.43	199.83	13:21:57	50.1825	4027.93	199.72	0.50
505	2004/04/25	13:27:57	50.2825	4027.47	200.23	13:27:57	50.2825	4026.97	200.11	0.50
506	2004/04/25	13:33:57	50.3825	4026.52	200.61	13:33:57	50.3825	4026.02	200.49	0.50
507	2004/04/25	13:39:57	50.4825	4025.57	200.98	13:39:57	50.4825	4025.07	200.86	0.51
508	2004/04/25	13:45:57	50.5825	4024.64	201.35	13:45:57	50.5825	4024.13	201.23	0.51
509	2004/04/25	13:51:57	50.6825	4023.70	201.72	13:51:57	50.6825	4023.20	201.59	0.50
510	2004/04/25	13:57:57	50.7825	4022.77	202.07	13:57:57	50.7825	4022.28	201.94	0.50
511	2004/04/25	14:03:57	50.8825	4021.85	202.42	14:03:57	50.8825	4021.35	202.29	0.50
512	2004/04/25	14:09:57	50.9825	4020.94	202.76	14:09:57	50.9825	4020.44	202.63	0.50
513	2004/04/25	14:15:57	51.0825	4020.03	203.10	14:15:57	51.0825	4019.53	202.96	0.49
514	2004/04/25	14:21:57	51.1825	4019.12	203.43	14:21:57	51.1825	4018.63	203.28	0.49
515	2004/04/25	14:27:57	51.2825	4018.22	203.76	14:27:57	51.2825	4017.73	203.61	0.49
516	2004/04/25	14:33:57	51.3825	4017.33	204.08	14:33:57	51.3825	4016.84	203.93	0.49
517	2004/04/25	14:39:57	51.4825	4016.45	204.39	14:39:57	51.4825	4015.96	204.24	0.49
518	2004/04/25	14:45:57	51.5825	4015.57	204.72	14:45:57	51.5825	4015.08	204.56	0.49
519	2004/04/25	14:51:57	51.6825	4014.70	205.04	14:51:57	51.6825	4014.21	204.87	0.49
520	2004/04/25	14:57:57	51.7825	4013.84	205.37	14:57:57	51.7825	4013.35	205.17	0.49
521	2004/04/25	15:03:57	51.8825	4012.98	205.69	15:03:57	51.8825	4012.49	205.47	0.49
522	2004/04/25	15:09:57	51.9825	4012.12	205.99	15:09:57	51.9825	4011.64	205.77	0.48
523	2004/04/25	15:15:57	52.0825	4011.27	206.27	15:15:57	52.0825	4010.80	206.05	0.48
524	2004/04/25	15:21:57	52.1825	4010.44	206.54	15:21:57	52.1825	4009.96	206.33	0.48
525	2004/04/25	15:27:57	52.2825	4009.62	206.82	15:27:57	52.2825	4009.15	206.60	0.47
526	2004/04/25	15:33:57	52.3825	4008.80	207.09	15:33:57	52.3825	4008.33	206.87	0.48
527	2004/04/25	15:39:57	52.4825	4007.99	207.36	15:39:57	52.4825	4007.52	207.14	0.47
528	2004/04/25	15:45:57	52.5825	4007.18	207.62	15:45:57	52.5825	4006.71	207.39	0.47
529	2004/04/25	15:51:57	52.6825	4006.39	207.87	15:51:57	52.6825	4005.91	207.64	0.48
530	2004/04/25	15:57:57	52.7825	4005.59	208.13	15:57:57	52.7825	4005.12	207.89	0.47
531	2004/04/25	16:03:57	52.8825	4004.81	208.38	16:03:57	52.8825	4004.34	208.14	0.46
532	2004/04/25	16:09:57	52.9825	4004.02	208.62	16:09:57	52.9825	4003.56	208.38	0.46
533	2004/04/25	16:15:57	53.0825	4003.25	208.86	16:15:57	53.0825	4002.79	208.61	0.46
534	2004/04/25	16:21:57	53.1825	4002.48	209.10	16:21:57	53.1825	4002.02	208.85	0.46
535	2004/04/25	16:27:57	53.2825	4001.74	209.33	16:27:57	53.2825	4001.27	209.08	0.46
536	2004/04/25	16:33:57	53.3825	4000.99	209.56	16:33:57	53.3825	4000.53	209.30	0.46
537	2004/04/25	16:39:57	53.4825	4000.26	209.78	16:39:57	53.4825	3999.79	209.52	0.47
538	2004/04/25	16:45:57	53.5825	3999.52	210.00	16:45:57	53.5825	3999.05	209.74	0.47
539	2004/04/25	16:51:57	53.6825	3998.79	210.23	16:51:57	53.6825	3998.32	209.96	0.47

Gauge 1 Serial Number: 5340 Start Date: 2004/04/23 11:11:00 Run Depth: 9039.00

Gauge 2 Serial Number: 5337 Start Date: 2004/04/23 11:11:00 Run Depth: 9038.50

Print Filter: Print every 24th point

KPK
SE NW 10-1N-67W
Start Test Date: 2004/04/23
Final Test Date: 2004/04/30

Suckla Farms Inj.#1
Formation: Lyons
Pool: Lyons
Job Number: N/A

Gauge 1 Gauge 1 Gauge 1 Gauge 1 Gauge 1 Gauge 2 Gauge 2 Gauge 2 Gauge 2 Diff.

Date	Clk Time	Time	Pres.	Temp.	Clk Time	Time	Pres.	Temp.	G1 - G2	
yyyy/mm	hh:mm:s	hr	psi(g)	°F	hh:mm:s	hr	psi(g)	°F	psi	
589	2004/04/25	21:51:57	58.6825	3969.12	218.12	21:51:57	58.6825	3968.60	217.78	0.52
590	2004/04/25	21:57:57	58.7825	3968.63	218.23	21:57:57	58.7825	3968.12	217.89	0.52
591	2004/04/25	22:03:57	58.8825	3968.16	218.35	22:03:57	58.8825	3967.63	218.00	0.53
592	2004/04/25	22:09:57	58.9825	3967.67	218.45	22:09:57	58.9825	3967.16	218.11	0.52
593	2004/04/25	22:15:57	59.0825	3967.20	218.56	22:15:57	59.0825	3966.68	218.22	0.53
594	2004/04/25	22:21:57	59.1825	3966.74	218.68	22:21:57	59.1825	3966.20	218.33	0.54
595	2004/04/25	22:27:57	59.2825	3966.26	218.79	22:27:57	59.2825	3965.73	218.44	0.54
596	2004/04/25	22:33:57	59.3825	3965.80	218.89	22:33:57	59.3825	3965.26	218.55	0.54
597	2004/04/25	22:39:57	59.4825	3965.33	219.00	22:39:57	59.4825	3964.79	218.65	0.54
598	2004/04/25	22:45:57	59.5825	3964.86	219.10	22:45:57	59.5825	3964.33	218.75	0.53
599	2004/04/25	22:51:57	59.6825	3964.41	219.21	22:51:57	59.6825	3963.87	218.85	0.54
600	2004/04/25	22:57:57	59.7825	3963.95	219.30	22:57:57	59.7825	3963.41	218.95	0.54
601	2004/04/25	23:03:57	59.8825	3963.50	219.39	23:03:57	59.8825	3962.95	219.04	0.54
602	2004/04/25	23:09:57	59.9825	3963.04	219.48	23:09:57	59.9825	3962.50	219.13	0.54
603	2004/04/25	23:15:57	60.0825	3962.60	219.57	23:15:57	60.0825	3962.05	219.23	0.54
604	2004/04/25	23:21:57	60.1825	3962.15	219.66	23:21:57	60.1825	3961.60	219.32	0.55
605	2004/04/25	23:27:57	60.2825	3961.71	219.75	23:27:57	60.2825	3961.16	219.41	0.54
606	2004/04/25	23:33:57	60.3825	3961.26	219.85	23:33:57	60.3825	3960.72	219.51	0.54
607	2004/04/25	23:39:57	60.4825	3960.83	219.94	23:39:57	60.4825	3960.28	219.60	0.55
608	2004/04/25	23:45:57	60.5825	3960.39	220.03	23:45:57	60.5825	3959.85	219.69	0.54
609	2004/04/25	23:51:57	60.6825	3959.97	220.12	23:51:57	60.6825	3959.41	219.78	0.56
610	2004/04/25	23:57:57	60.7825	3959.53	220.21	23:57:57	60.7825	3958.99	219.87	0.55
611	2004/04/26	00:03:57	60.8825	3959.11	220.30	00:03:57	60.8825	3958.56	219.96	0.55
612	2004/04/26	00:09:57	60.9825	3958.68	220.39	00:09:57	60.9825	3958.13	220.05	0.55
613	2004/04/26	00:15:57	61.0825	3958.26	220.49	00:15:57	61.0825	3957.72	220.14	0.55
614	2004/04/26	00:21:57	61.1825	3957.84	220.58	00:21:57	61.1825	3957.28	220.23	0.55
615	2004/04/26	00:27:57	61.2825	3957.42	220.68	00:27:57	61.2825	3956.86	220.33	0.56
616	2004/04/26	00:33:57	61.3825	3957.00	220.77	00:33:57	61.3825	3956.44	220.42	0.56
617	2004/04/26	00:39:57	61.4825	3956.59	220.85	00:39:57	61.4825	3956.03	220.50	0.56
618	2004/04/26	00:45:57	61.5825	3956.17	220.93	00:45:57	61.5825	3955.61	220.58	0.56
619	2004/04/26	00:51:57	61.6825	3955.76	221.02	00:51:57	61.6825	3955.20	220.67	0.56
620	2004/04/26	00:57:57	61.7825	3955.35	221.10	00:57:57	61.7825	3954.78	220.75	0.57
621	2004/04/26	01:03:57	61.8825	3954.97	221.19	01:03:57	61.8825	3954.38	220.84	0.59
622	2004/04/26	01:09:57	61.9825	3954.61	221.28	01:09:57	61.9825	3953.97	220.92	0.64
623	2004/04/26	01:15:57	62.0825	3954.14	221.36	01:15:57	62.0825	3953.57	221.01	0.57
624	2004/04/26	01:21:57	62.1825	3953.74	221.44	01:21:57	62.1825	3953.16	221.09	0.58
625	2004/04/26	01:27:57	62.2825	3953.33	221.52	01:27:57	62.2825	3952.76	221.17	0.57
626	2004/04/26	01:33:57	62.3825	3952.94	221.59	01:33:57	62.3825	3952.36	221.25	0.58
627	2004/04/26	01:39:57	62.4825	3952.54	221.67	01:39:57	62.4825	3951.97	221.32	0.57
628	2004/04/26	01:45:57	62.5825	3952.14	221.75	01:45:57	62.5825	3951.57	221.40	0.57
629	2004/04/26	01:51:57	62.6825	3951.75	221.82	01:51:57	62.6825	3951.18	221.47	0.57
630	2004/04/26	01:57:57	62.7825	3951.36	221.90	01:57:57	62.7825	3950.79	221.55	0.57
631	2004/04/26	02:03:57	62.8825	3950.98	221.98	02:03:57	62.8825	3950.40	221.63	0.58
632	2004/04/26	02:09:57	62.9825	3950.59	222.05	02:09:57	62.9825	3950.01	221.70	0.58
633	2004/04/26	02:15:57	63.0825	3950.21	222.12	02:15:57	63.0825	3949.63	221.77	0.58
634	2004/04/26	02:21:57	63.1825	3949.82	222.19	02:21:57	63.1825	3949.25	221.84	0.58
635	2004/04/26	02:27:57	63.2825	3949.45	222.26	02:27:57	63.2825	3948.87	221.91	0.58
636	2004/04/26	02:33:57	63.3825	3949.06	222.33	02:33:57	63.3825	3948.49	221.98	0.57
637	2004/04/26	02:39:57	63.4825	3948.69	222.40	02:39:57	63.4825	3948.11	222.05	0.58

Gauge 1 Serial Number: 5340 Start Date: 2004/04/23 11:11:00 Run Depth: 9039.00

Gauge 2 Serial Number: 5337 Start Date: 2004/04/23 11:11:00 Run Depth: 9038.50

Print Filter: Print every 24th point

KPK
SE NW 10-1N-67W
Start Test Date: 2004/04/23
Final Test Date: 2004/04/30

Suckla Farms Inj.#1
Formation: Lyons
Pool: Lyons
Job Number: N/A

Gauge 1 Gauge 1 Gauge 1 Gauge 1 Gauge 1 Gauge 2 Gauge 2 Gauge 2 Gauge 2 Diff.

	Date	Clk Time	Time	Pres.	Temp.	Clk Time	Time	Pres.	Temp.	G1 - G2
	yyyy/mm	hh:mm:s	hr	psi(g)	°F	hh:mm:s	hr	psi(g)	°F	psi
687	2004/04/26	07:39:57	68.4825	3931.90	225.27	07:39:57	68.4825	3931.29	224.93	0.61
688	2004/04/26	07:45:57	68.5825	3931.61	225.32	07:45:57	68.5825	3931.00	224.98	0.61
689	2004/04/26	07:51:57	68.6825	3931.30	225.37	07:51:57	68.6825	3930.70	225.02	0.61
690	2004/04/26	07:57:57	68.7825	3931.01	225.41	07:57:57	68.7825	3930.40	225.07	0.62
691	2004/04/26	08:03:57	68.8825	3930.72	225.46	08:03:57	68.8825	3930.10	225.12	0.62
692	2004/04/26	08:09:57	68.9825	3930.42	225.51	08:09:57	68.9825	3929.81	225.16	0.61
693	2004/04/26	08:15:57	69.0825	3930.13	225.55	08:15:57	69.0825	3929.52	225.21	0.61
694	2004/04/26	08:21:57	69.1825	3929.84	225.60	08:21:57	69.1825	3929.23	225.25	0.61
695	2004/04/26	08:27:57	69.2825	3929.55	225.64	08:27:57	69.2825	3928.94	225.30	0.60
696	2004/04/26	08:33:57	69.3825	3929.26	225.69	08:33:57	69.3825	3928.65	225.34	0.61
697	2004/04/26	08:39:57	69.4825	3928.97	225.73	08:39:57	69.4825	3928.36	225.39	0.61
698	2004/04/26	08:45:57	69.5825	3928.69	225.77	08:45:57	69.5825	3928.07	225.43	0.62
699	2004/04/26	08:51:57	69.6825	3928.40	225.82	08:51:57	69.6825	3927.79	225.48	0.61
700	2004/04/26	08:57:57	69.7825	3928.11	225.86	08:57:57	69.7825	3927.49	225.52	0.62
701	2004/04/26	09:03:57	69.8825	3927.83	225.91	09:03:57	69.8825	3927.21	225.56	0.62
702	2004/04/26	09:09:57	69.9825	3927.55	225.95	09:09:57	69.9825	3926.93	225.61	0.62
703	2004/04/26	09:15:57	70.0825	3927.26	225.99	09:15:57	70.0825	3926.64	225.65	0.62
704	2004/04/26	09:21:57	70.1825	3926.98	226.03	09:21:57	70.1825	3926.36	225.69	0.62
705	2004/04/26	09:27:57	70.2825	3926.70	226.08	09:27:57	70.2825	3926.07	225.73	0.63
706	2004/04/26	09:33:57	70.3825	3926.42	226.12	09:33:57	70.3825	3925.80	225.77	0.62
707	2004/04/26	09:39:57	70.4825	3926.14	226.16	09:39:57	70.4825	3925.51	225.82	0.62
708	2004/04/26	09:45:57	70.5825	3925.86	226.20	09:45:57	70.5825	3925.24	225.86	0.62
709	2004/04/26	09:51:57	70.6825	3925.58	226.24	09:51:57	70.6825	3924.96	225.90	0.62
710	2004/04/26	09:57:57	70.7825	3925.31	226.28	09:57:57	70.7825	3924.69	225.94	0.62
711	2004/04/26	10:03:57	70.8825	3925.04	226.32	10:03:57	70.8825	3924.41	225.98	0.63
712	2004/04/26	10:09:57	70.9825	3924.76	226.36	10:09:57	70.9825	3924.14	226.02	0.62
713	2004/04/26	10:15:57	71.0825	3924.50	226.40	10:15:57	71.0825	3923.87	226.06	0.63
714	2004/04/26	10:21:57	71.1825	3924.23	226.44	10:21:57	71.1825	3923.60	226.10	0.62
715	2004/04/26	10:27:57	71.2825	3923.95	226.48	10:27:57	71.2825	3923.33	226.14	0.62
716	2004/04/26	10:33:57	71.3825	3923.68	226.52	10:33:57	71.3825	3923.07	226.18	0.62
717	2004/04/26	10:39:57	71.4825	3923.43	226.56	10:39:57	71.4825	3922.80	226.22	0.63
718	2004/04/26	10:45:57	71.5825	3923.16	226.60	10:45:57	71.5825	3922.52	226.26	0.63
719	2004/04/26	10:51:57	71.6825	3922.90	226.64	10:51:57	71.6825	3922.26	226.30	0.64
720	2004/04/26	10:57:57	71.7825	3922.63	226.68	10:57:57	71.7825	3921.99	226.34	0.63
721	2004/04/26	11:03:57	71.8825	3922.36	226.72	11:03:57	71.8825	3921.73	226.38	0.63
722	2004/04/26	11:09:57	71.9825	3922.11	226.76	11:09:57	71.9825	3921.48	226.42	0.63
723	2004/04/26	11:28:42	72.2950	3921.41	226.86	11:28:42	72.2950	3920.76	226.53	0.65
724	2004/04/26	11:52:42	72.6950	3920.47	227.02	11:52:42	72.6950	3919.85	226.69	0.62
725	2004/04/26	12:16:42	73.0950	3919.47	227.19	12:16:42	73.0950	3918.88	226.86	0.59
726	2004/04/26	12:40:42	73.4950	3918.48	227.36	12:40:42	73.4950	3917.90	227.03	0.58
727	2004/04/26	13:04:42	73.8950	3917.52	227.53	13:04:42	73.8950	3916.95	227.20	0.57
728	2004/04/26	13:28:42	74.2950	3916.60	227.70	13:28:42	74.2950	3916.03	227.36	0.58
729	2004/04/26	13:52:42	74.6950	3915.73	227.84	13:52:42	74.6950	3915.16	227.51	0.57
730	2004/04/26	14:16:42	75.0950	3914.89	227.97	14:16:42	75.0950	3914.30	227.63	0.58
731	2004/04/26	14:40:42	75.4950	3914.07	228.07	14:40:42	75.4950	3913.48	227.73	0.59
732	2004/04/26	15:04:42	75.8950	3912.94	228.16	15:04:42	75.8950	3912.36	227.82	0.58
733	2004/04/26	15:28:42	76.2950	3911.94	228.27	15:28:42	76.2950	3911.35	227.93	0.59
734	2004/04/26	15:52:42	76.6950	3911.14	228.40	15:52:42	76.6950	3910.55	228.06	0.59
735	2004/04/26	16:16:42	77.0950	3910.85	228.51	16:16:42	77.0950	3910.26	228.17	0.59

Gauge 1 Serial Number: 5340 Start Date: 2004/04/23 11:11:00 Run Depth: 9039.00

Gauge 2 Serial Number: 5337 Start Date: 2004/04/23 11:11:00 Run Depth: 9038.50

Print Filter: Print every 24th point

KPK
SE NW 10-1N-67W
Start Test Date: 2004/04/23
Final Test Date: 2004/04/30

Suckla Farms Inj.#1
Formation: Lyons
Pool: Lyons
Job Number: N/A

Gauge 1 Gauge 1 Gauge 1 Gauge 1 Gauge 1 Gauge 2 Gauge 2 Gauge 2 Gauge 2 Diff.

Date Clk Time Time Pres. Temp. Clk Time Time Pres. Temp. G1 - G2

yyyy/mm hh:mm:s hr psi(g) °F hh:mm:s hr psi(g) °F psi

785	2004/04/27	12:16:42	97.0950	3874.66	232.70	12:16:42	97.0950	3873.90	232.33	0.76
786	2004/04/27	12:40:42	97.4950	3874.09	232.76	12:40:42	97.4950	3873.32	232.39	0.77
787	2004/04/27	13:04:42	97.8950	3873.53	232.82	13:04:42	97.8950	3872.75	232.44	0.78
788	2004/04/27	13:28:42	98.2950	3872.96	232.87	13:28:42	98.2950	3872.18	232.50	0.78
789	2004/04/27	13:52:42	98.6950	3872.40	232.93	13:52:42	98.6950	3871.62	232.56	0.78
790	2004/04/27	14:16:42	99.0950	3871.84	232.99	14:16:42	99.0950	3871.07	232.61	0.77
791	2004/04/27	14:40:42	99.4950	3871.29	233.04	14:40:42	99.4950	3870.51	232.67	0.78
792	2004/04/27	15:04:42	99.8950	3870.74	233.10	15:04:42	99.8950	3869.96	232.72	0.79
793	2004/04/27	15:28:42	100.2950	3870.20	233.15	15:28:42	100.2950	3869.41	232.78	0.79
794	2004/04/27	15:52:42	100.6950	3869.66	233.21	15:52:42	100.6950	3868.87	232.83	0.79
795	2004/04/27	16:16:42	101.0950	3869.11	233.26	16:16:42	101.0950	3868.32	232.88	0.79
796	2004/04/27	16:40:42	101.4950	3868.57	233.31	16:40:42	101.4950	3867.78	232.94	0.80
797	2004/04/27	17:04:42	101.8950	3868.04	233.36	17:04:42	101.8950	3867.24	232.99	0.79
798	2004/04/27	17:28:42	102.2950	3867.51	233.41	17:28:42	102.2950	3866.71	233.04	0.80
799	2004/04/27	17:52:42	102.6950	3866.97	233.47	17:52:42	102.6950	3866.18	233.09	0.79
800	2004/04/27	18:16:42	103.0950	3866.45	233.52	18:16:42	103.0950	3865.64	233.14	0.81
801	2004/04/27	18:40:42	103.4950	3865.93	233.57	18:40:42	103.4950	3865.12	233.19	0.81
802	2004/04/27	19:04:42	103.8950	3865.41	233.62	19:04:42	103.8950	3864.60	233.24	0.81
803	2004/04/27	19:28:42	104.2950	3864.90	233.67	19:28:42	104.2950	3864.09	233.29	0.81
804	2004/04/27	19:52:42	104.6950	3864.39	233.72	19:52:42	104.6950	3863.57	233.34	0.82
805	2004/04/27	20:16:42	105.0950	3863.88	233.76	20:16:42	105.0950	3863.07	233.38	0.81
806	2004/04/27	20:40:42	105.4950	3863.39	233.81	20:40:42	105.4950	3862.58	233.43	0.81
807	2004/04/27	21:04:42	105.8950	3862.89	233.86	21:04:42	105.8950	3862.08	233.48	0.81
808	2004/04/27	21:28:42	106.2950	3862.42	233.91	21:28:42	106.2950	3861.59	233.52	0.82
809	2004/04/27	21:52:42	106.6950	3861.93	233.95	21:52:42	106.6950	3861.11	233.57	0.82
810	2004/04/27	22:16:42	107.0950	3861.46	234.00	22:16:42	107.0950	3860.63	233.62	0.83
811	2004/04/27	22:40:42	107.4950	3860.98	234.04	22:40:42	107.4950	3860.16	233.66	0.82
812	2004/04/27	23:04:42	107.8950	3860.52	234.09	23:04:42	107.8950	3859.70	233.71	0.82
813	2004/04/27	23:28:42	108.2950	3860.06	234.14	23:28:42	108.2950	3859.24	233.75	0.82
814	2004/04/27	23:52:42	108.6950	3859.60	234.18	23:52:42	108.6950	3858.76	233.80	0.84
815	2004/04/28	00:16:42	109.0950	3859.14	234.23	00:16:42	109.0950	3858.31	233.84	0.83
816	2004/04/28	00:40:42	109.4950	3858.69	234.27	00:40:42	109.4950	3857.85	233.89	0.83
817	2004/04/28	01:04:42	109.8950	3858.22	234.31	01:04:42	109.8950	3857.39	233.93	0.84
818	2004/04/28	01:28:42	110.2950	3857.77	234.35	01:28:42	110.2950	3856.94	233.97	0.83
819	2004/04/28	01:52:42	110.6950	3857.34	234.40	01:52:42	110.6950	3856.50	234.01	0.84
820	2004/04/28	02:16:42	111.0950	3856.88	234.44	02:16:42	111.0950	3856.03	234.05	0.85
821	2004/04/28	02:40:42	111.4950	3856.43	234.48	02:40:42	111.4950	3855.60	234.10	0.84
822	2004/04/28	03:04:42	111.8950	3856.01	234.52	03:04:42	111.8950	3855.16	234.14	0.84
823	2004/04/28	03:28:42	112.2950	3855.55	234.57	03:28:42	112.2950	3854.71	234.18	0.84
824	2004/04/28	03:52:42	112.6950	3855.11	234.61	03:52:42	112.6950	3854.26	234.22	0.85
825	2004/04/28	04:16:42	113.0950	3854.68	234.65	04:16:42	113.0950	3853.83	234.26	0.85
826	2004/04/28	04:40:42	113.4950	3854.24	234.69	04:40:42	113.4950	3853.38	234.30	0.86
827	2004/04/28	05:04:42	113.8950	3853.80	234.73	05:04:42	113.8950	3852.94	234.34	0.86
828	2004/04/28	05:28:42	114.2950	3853.36	234.77	05:28:42	114.2950	3852.51	234.38	0.86
829	2004/04/28	05:52:42	114.6950	3852.93	234.81	05:52:42	114.6950	3852.06	234.42	0.86
830	2004/04/28	06:16:42	115.0950	3852.49	234.85	06:16:42	115.0950	3851.64	234.46	0.86
831	2004/04/28	06:40:42	115.4950	3852.06	234.88	06:40:42	115.4950	3851.20	234.50	0.86
832	2004/04/28	07:04:42	115.8950	3851.63	234.92	07:04:42	115.8950	3850.76	234.53	0.87
833	2004/04/28	07:28:42	116.2950	3851.21	234.96	07:28:42	116.2950	3850.34	234.57	0.87

Gauge 1 Serial Number: 5340 Start Date: 2004/04/23 11:11:00 Run Depth: 9039.00

Gauge 2 Serial Number: 5337 Start Date: 2004/04/23 11:11:00 Run Depth: 9038.50

Print Filter: Print every 24th point

KPK
SE NW 10-1N-67W
Start Test Date: 2004/04/23
Final Test Date: 2004/04/30

Suckla Farms Inj.#1
Formation: Lyons
Pool: Lyons
Job Number: N/A

Gauge 1 Gauge 1 Gauge 1 Gauge 1 Gauge 1 Gauge 2 Gauge 2 Gauge 2 Gauge 2 Diff.

Date Clk Time Time Pres. Temp. Clk Time Time Pres. Temp. G1 - G2

yyyy/mm hh:mm:s hr psi(g) °F hh:mm:s hr psi(g) °F psi

883	2004/04/29	03:28:42	136.2950	3833.15	236.57	03:28:42	136.2950	3832.20	236.17	0.94
884	2004/04/29	03:52:42	136.6950	3832.84	236.60	03:52:42	136.6950	3831.89	236.20	0.95
885	2004/04/29	04:16:42	137.0950	3832.52	236.62	04:16:42	137.0950	3831.57	236.22	0.95
886	2004/04/29	04:40:42	137.4950	3832.20	236.65	04:40:42	137.4950	3831.26	236.25	0.94
887	2004/04/29	05:04:42	137.8950	3831.88	236.68	05:04:42	137.8950	3830.93	236.28	0.95
888	2004/04/29	05:28:42	138.2950	3831.56	236.70	05:28:42	138.2950	3830.61	236.30	0.95
889	2004/04/29	05:52:42	138.6950	3831.20	236.73	05:52:42	138.6950	3830.25	236.33	0.95
890	2004/04/29	06:16:42	139.0950	3830.88	236.76	06:16:42	139.0950	3829.93	236.36	0.95
891	2004/04/29	06:40:42	139.4950	3830.47	236.78	06:40:42	139.4950	3829.52	236.38	0.95
892	2004/04/29	07:04:42	139.8950	3829.94	236.82	07:04:42	139.8950	3828.99	236.42	0.95
893	2004/04/29	07:28:42	140.2950	3829.61	236.84	07:28:42	140.2950	3828.65	236.44	0.96
894	2004/04/29	07:52:42	140.6950	3829.32	236.87	07:52:42	140.6950	3828.36	236.47	0.96
895	2004/04/29	08:16:42	141.0950	3829.03	236.89	08:16:42	141.0950	3828.07	236.49	0.96
896	2004/04/29	08:40:42	141.4950	3828.72	236.92	08:40:42	141.4950	3827.76	236.52	0.96
897	2004/04/29	09:04:42	141.8950	3828.41	236.94	09:04:42	141.8950	3827.45	236.54	0.96
898	2004/04/29	09:28:42	142.2950	3828.09	236.97	09:28:42	142.2950	3827.12	236.56	0.96
899	2004/04/29	09:52:42	142.6950	3827.75	236.99	09:52:42	142.6950	3826.80	236.59	0.96
900	2004/04/29	10:16:42	143.0950	3827.44	237.01	10:16:42	143.0950	3826.47	236.61	0.97
901	2004/04/29	10:40:42	143.4950	3827.11	237.04	10:40:42	143.4950	3826.15	236.64	0.97
902	2004/04/29	11:04:42	143.8950	3826.80	237.07	11:04:42	143.8950	3825.84	236.67	0.97
903	2004/04/29	11:28:42	144.2950	3826.50	237.09	11:28:42	144.2950	3825.53	236.69	0.97
904	2004/04/29	11:52:42	144.6950	3826.20	237.12	11:52:42	144.6950	3825.24	236.72	0.96
905	2004/04/29	12:16:42	145.0950	3825.90	237.14	12:16:42	145.0950	3824.93	236.74	0.97
906	2004/04/29	12:40:42	145.4950	3825.62	237.17	12:40:42	145.4950	3824.65	236.76	0.97
907	2004/04/29	13:04:42	145.8950	3825.32	237.19	13:04:42	145.8950	3824.34	236.79	0.98
908	2004/04/29	13:28:42	146.2950	3825.03	237.22	13:28:42	146.2950	3824.05	236.81	0.98
909	2004/04/29	13:52:42	146.6950	3824.75	237.24	13:52:42	146.6950	3823.77	236.84	0.98
910	2004/04/29	14:16:42	147.0950	3824.45	237.26	14:16:42	147.0950	3823.47	236.86	0.98
911	2004/04/29	14:40:42	147.4950	3824.15	237.28	14:40:42	147.4950	3823.17	236.88	0.98
912	2004/04/29	15:04:42	147.8950	3823.85	237.31	15:04:42	147.8950	3822.87	236.91	0.98
913	2004/04/29	15:28:42	148.2950	3823.53	237.33	15:28:42	148.2950	3822.55	236.93	0.98
914	2004/04/29	15:52:42	148.6950	3823.25	237.35	15:52:42	148.6950	3822.27	236.95	0.98
915	2004/04/29	16:16:42	149.0950	3822.97	237.37	16:16:42	149.0950	3821.98	236.97	0.99
916	2004/04/29	16:40:42	149.4950	3822.69	237.40	16:40:42	149.4950	3821.70	236.99	0.99
917	2004/04/29	17:04:42	149.8950	3822.41	237.42	17:04:42	149.8950	3821.42	237.02	0.99
918	2004/04/29	17:28:42	150.2950	3822.12	237.44	17:28:42	150.2950	3821.13	237.04	0.99
919	2004/04/29	17:52:42	150.6950	3821.83	237.47	17:52:42	150.6950	3820.84	237.06	0.99
920	2004/04/29	18:16:42	151.0950	3821.55	237.49	18:16:42	151.0950	3820.57	237.08	0.99
921	2004/04/29	18:40:42	151.4950	3821.25	237.51	18:40:42	151.4950	3820.26	237.11	1.00
922	2004/04/29	19:04:42	151.8950	3820.95	237.53	19:04:42	151.8950	3819.96	237.13	1.00
923	2004/04/29	19:28:42	152.2950	3820.68	237.55	19:28:42	152.2950	3819.68	237.15	1.00
924	2004/04/29	19:52:42	152.6950	3820.38	237.58	19:52:42	152.6950	3819.39	237.17	1.00
925	2004/04/29	20:16:42	153.0950	3820.09	237.60	20:16:42	153.0950	3819.10	237.20	0.99
926	2004/04/29	20:40:42	153.4950	3819.81	237.62	20:40:42	153.4950	3818.82	237.22	0.99
927	2004/04/29	21:04:42	153.8950	3819.54	237.65	21:04:42	153.8950	3818.53	237.24	1.01
928	2004/04/29	21:28:42	154.2950	3819.25	237.67	21:28:42	154.2950	3818.25	237.26	1.00
929	2004/04/29	21:52:42	154.6950	3818.97	237.69	21:52:42	154.6950	3817.97	237.28	1.00
930	2004/04/29	22:16:42	155.0950	3818.71	237.71	22:16:42	155.0950	3817.71	237.30	1.00
931	2004/04/29	22:40:42	155.4950	3818.44	237.73	22:40:42	155.4950	3817.44	237.33	1.01

Gauge 1 Serial Number: 5340 Start Date: 2004/04/23 11:11:00 Run Depth: 9039.00

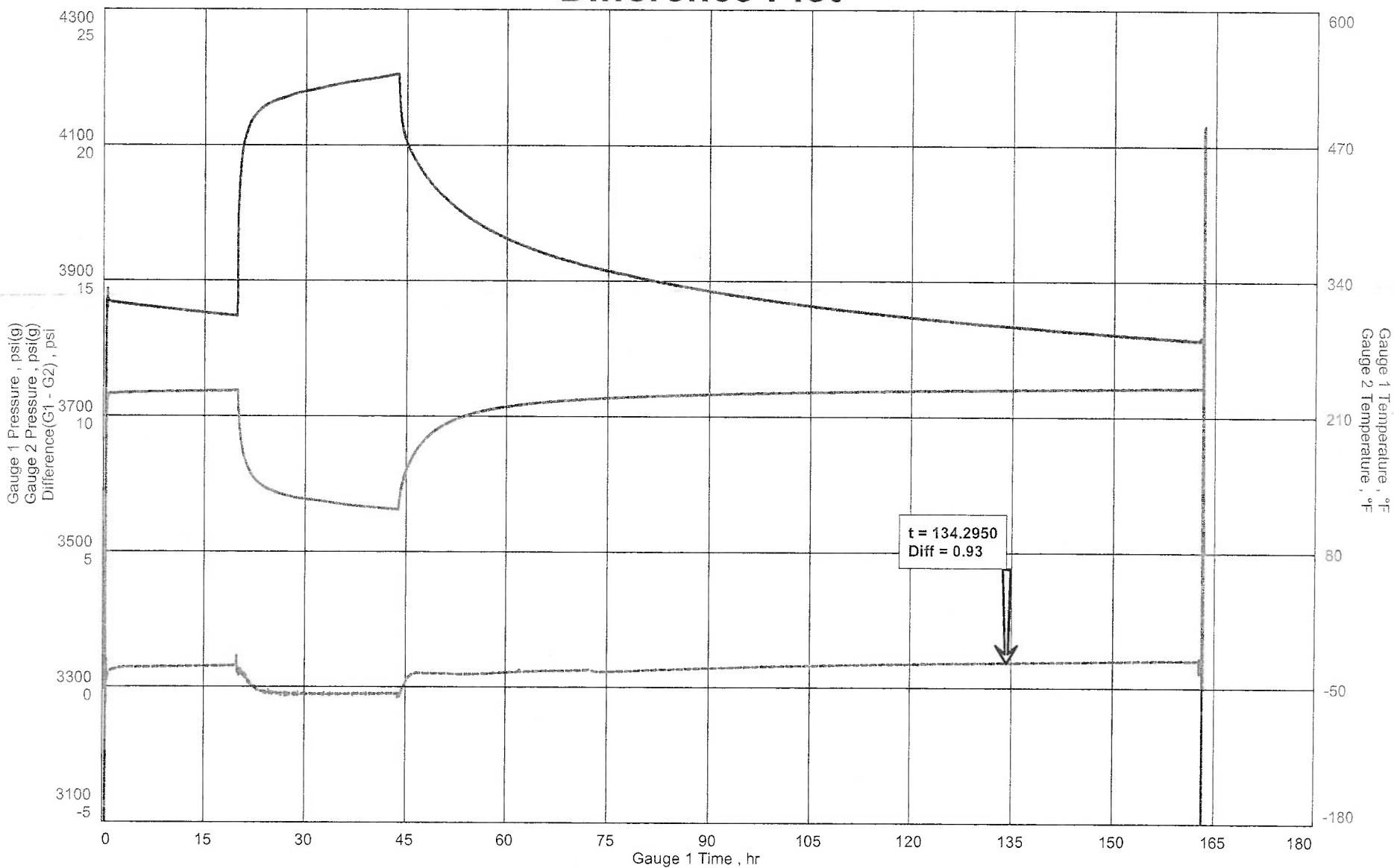
Gauge 2 Serial Number: 5337 Start Date: 2004/04/23 11:11:00 Run Depth: 9038.50

Print Filter: Print every 24th point

KPK
SE NW 10-1N-67W
Start Test Date: 2004/04/23
Final Test Date: 2004/04/30

Suckla Farms Inj.#1
Formation: Lyons
Pool: Lyons
Job Number: N/A

Difference Plot



Calibration Certificate No: 5337

Model: Well Watchers High Temp.

Software Version: N/A

Maximum Pressure Rating: 5000 PSI

Maximum Temperature Rating: 302 F

Calibration Date: December 16, 2003

Specifications

Calibration Pressure Range:	Minimum: 20.0 PSI	Maximum: 5000 PSI
Calibration Temperature Range:	Minimum: 32 F	Maximum: 302 F
Pressure:	Accuracy: ± 0.05%	± 2.50 PSI
Temperature:	Accuracy: ± 0.25%	± 0.755 F

Calibration Summary

Pressure Accuracy (Maximum Error):	± 2.16 PSI
Temperature Accuracy (Maximum Error):	± 0.43 F

Working Standard

- Pressure: Quartzdyne – Model QS10K-S - S/N 150131
- Temperature: Sun Systems Environmental Chamber

Transfer Standard

- Pressure: Chandler Engineering Hydraulic Deadweight - Model 58-001K-T-1 - S/N 25052 – 0 to 15000 PSI Mass Set - .05% Accuracy
- Temperature: Hart Scientific Platinum Resistance Thermometer – Model 5614 – S/N 496051 with an accuracy of ± 0.006°C (± 0.011 F)

Traceability Statement

All working standards are traceable to nationally or internationally recognized standards.

- Chandler Engineering Hydraulic Deadweight – Pressure standards referenced to NIST (File TN822-256610-96, TN838-256609-96, P-8523)
- Chandler Engineering Hydraulic Deadweight – Alberta Energy and Utilities Board Annual Deadweight Gauge Calibration - Transfer Standard S/N 4079-85 – Traceable to the Institute for National Measurement Standards (INMS) of the National Research Council of Canada (NRC). INMS Report MS312, INMS Lab Order Number 85134.
- Platinum Resistance Thermometer (PRT) Model 5614, S/N 496051 was calibrated at the ice point and / or by comparison to Standard Platinum Resistance Thermometers (SPRTs). These SPRTs are calibrated to the International Temperature Scale of 1990 (ITS-90) and their calibration is traceable to the National Institute of Standards and Technology (NIST)

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Calibration Preformed By

Gordon Regan
Approved By

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Calibration Certificate No: 5340

Model: Well Watchers High Temp.
Software Version: N/A
Maximum Pressure Rating: 5000 PSI
Maximum Temperature Rating: 302 F
Calibration Date: December 16, 2003

Specifications

Calibration Pressure Range:	Minimum: 20.0 PSI	Maximum: 5000 PSI
Calibration Temperature Range:	Minimum: 32 F	Maximum: 302 F
Pressure:	Accuracy: ± 0.05%	± 2.50 PSI
Temperature:	Accuracy: ± 0.25%	± 0.755 F

Calibration Summary

Pressure Accuracy (Maximum Error):	± 1.63 PSI
Temperature Accuracy (Maximum Error):	± 0.62 F

Working Standard

- Pressure: Quartzdyne – Model QS10K-S - S/N 150131
- Temperature: Sun Systems Environmental Chamber

Transfer Standard

- Pressure: Chandler Engineering Hydraulic Deadweight - Model 58-001K-T-1 - S/N 250521 up to 15000 PSI Max. Set. ± 0.5% Accuracy
- Temperature: Hart Scientific Platinum Resistance Thermometer - Model 5614 - S/N 496051 with an accuracy of ± 0.0006°C (0.001°F)

Traceability Statement

All working standards are traceable to nationally or internationally recognized standards.

- Chandler Engineering Hydraulic Deadweight - Pressure standards referenced to NIST (File TN822-256610-96, TN833-256609-93, P-8523)
- Chandler Engineering Hydraulic Deadweight - Alberta Energy and Utilities Board Annual Deadweight Gauge Calibration - Transfer Standard S/N 4079-85 - Traceable to the Institute for National Measurement Standards (INMS) of the National Research Council of Canada (NRC), INMS Report MS312, INMS Lab Order Number 85134.
- Platinum Resistance Thermometer (PRT) Model 5614, S/N 496051 was calibrated at the ice point and / or by comparison to Standard Platinum Resistance Thermometers (SPRTs). These SPRTs are calibrated to the International Temperature Scale of 1990 (ITS-90) and their calibration is traceable to the National Institute of Standards and Technology (NIST)

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